

13200 -

13549

RECORD

1983 -

1984

VEN.

CRPT  
BOT  
Plowman  
026

Coro Fl. Peru - Rubiaceae



## ACCOUNT BOOKS

144 PAGES • 7 $\frac{7}{8}$  IN. x 5 $\frac{1}{4}$  IN.

---

AVAILABLE AS:	RULING:
NO. 64-5400	JOURNAL
NO. 64-5402	S. E. LEDGER
NO. 64-5404	D. E. LEDGER
NO. 64-5406	CASH
NO. 64-5408	RECORD
NO. 64-5482	RECORD - Indexed A-Z

---

S. E. & M. VERNON CO. Elizabeth, N. J. 07208  
A Division of THE MEAD CORPORATION



TIMOTHY PLOWMAN  
BOTANY DEPARTMENT  
FIELD MUSEUM OF NATURAL HISTORY  
CHICAGO, ILLINOIS 60605

18-2

18-2  
18-2  
18-2

OCT 16 1983

CHICAGO, ILLINOIS:

FIELD MUSEUM of NATURAL HISTORY.

16 OCT 1983.

Cultivated plants.

13200. Podocarpus macrophyllus (Thunb.) D. Don  
F (2) n.v. "Buddhist pine"  
BH Cult. ornamental seedling.

13201. Hedera helix L.  
F (1) n.v. English ivy cultivar.  
Cultivated ornamental vine.

13202. Urtic.  
F (1) n.v. "peperomia"  
Cult. ornamental herb with  
dark green, bullate leaves.

13203. Dracaena sanderana Hort. Sander ex M.T. Mast  
F (1) Cult. ornamental shrub. Leaves  
green with broad white margins.

13204. Dracaena surculosa Lindl. cv. 'Florida  
(1) Beauty'.  
F Cultivated subshrub. Leaves light  
green heavily spotted with creamy  
white.

OCT 1-6 1983

13205. Dracaena reflexa Lam. Liliac.

F (1) Cult. subshrub. Leaves green with yellow-green central stripes.

13206. Echeveria Crassul.

F (1) Cult. herb with thick succulent, glaucous green leaves.

Palm.

F 13207. Rhapis excelsa (Thunb.) A. Henry  
(1) Cult. clumped palm.  
n. v. "Rhaps palm"

F 13208. Aglaonema Arac.

(1) Cult. herb. Leaves dark green above with pale green blotches. Petiole bases dark green with light blotches.

13209. Aglaonema Arac.

(1) matches cv. 'Parrot Jungle' in  
F Exotica.  
Cult. <sup>ornamental</sup> herb. Upper surface of leaves grey-green with dark green splotches and margins.

OCT 10 1983

13210. Spathiphyllum

Arac.

- (1) Cult. ornamental herb. Leaves  
F Shiny, green.

13211. Xanthanthemum igneum (Linden) Lindau

- (1) n.v. zebra plant  
F Cult. ornamental herb. Leaves  
dark green above with yellow-green  
nerves, reddish purple beneath  
with pale green nerves.

13212. Codiaeum variegatum (L.) Blume Euph.

- (1) var. pictum (Lodd.) Müll. Arg. cv.  
F Cult shrub with variably  
variegated leaves, with green  
red, & yellow.

13213. Aglaonema <sup>mesantifolium</sup> ~~commutatum~~

Arac.

- (1)  
F Cult. ornamental herb. Leaves  
dark green above with lighter green  
blotches along nerves; lower sur-  
face solid green. Petiole green.

13214. Chlorophytum

Liliac.

- (1) Cult. ornamental herb. Leaves green  
F with central white stripe.

OCT 16 1983

Hamet + Perr.

13215. Kalanchoe daigremontiana Cress.

F (1) - Prolific succulent herb forming plantlets on leaf margins, ~~Mar.~~ leaves dark green with narrow margins.  
→ S. trifasciata Prain cv. 'Hahnii'

13216. Sansevieria "hahnii" Liliac.

F (1) - Leathery leaved perennial. Leaves mottled light & dark green.

'Red Velvet'

13217. Echeveria harmsii Macbr. Crassul  
(2) ~~(1)~~ Succulent erect herb.

F  
BH Flowers orange.

13218. Dracaena compacta Liliac.

F (1) Rosulate herb with shiny, dark green leaves.

13219 Crassula argentea Thunb. Crassul

F (1) "Jade Plant"  
Cult. succulent herb. Leaves fleshy, dark green.



Chicago, Illinois. 26 Oct. 1983.  
Cult. 1237. W. Newport. Garden.

13220. Rubus idaeus L.

- (1) N.v. "red raspberry" (commercial var.)  
F Cult. perennial with arching stems  
to 2 m. long. Flowers white. Fruits  
pale red, sweet.

13221. Antirrhinum majus L.

Scroph.

- (2) N.v. snapdragon.  
BH  
F Cult. herb. Corolla bilabiate, dark  
red, whitish in throat.

13222. Gaillardia x grandiflora Vantbutte Comp.

- BH (2)  
F Cultivated herb, 1 m. tall. Rays  
light red, apically yellow.

13223. Petunia x hybrida Hort. Vilin.-Andr.

Slizniz.

- (1) Cult. annual herb. Corolla red  
F with white triangles at lobes in pin-  
wheel pattern.

13224. Tagetes patula L.

Comp.

- (1) Cult. annual. Flowers pale yellow  
F throughout.

13225. Coleus blumei Benth.

Lab.

- F (1) Cult. annual. Leaves pale pink-

OCT 26 1983

orange with pink nerves and  
green margins. Stems + petioles  
Carmine pink.

13226. Clematis x jackmanii

F (1) Per. Herbaceous vine 1.5 m. tall.  
Fruits light tan.

13227. Begonia x semperflorens-cultorum Hort.

F (1) Cult. compact herb. Leaves med.  
green, very shiny on upper  
surface. Flowers white.

NOV 1 1983 1 Nov 1983-

13228. Physostegia virginiana (L.) Benth. habit.

(1) Cult. perennial herb.

F fl. Calyxes green.

NOV 7 1983 7 Nov 1983.

13229.

Cucurb.

(3) Cult. climbing herbaceous vine.  
Sterile. Grown from seeds  
from M. Neel.

13230. Brassica oleracea L. Acephala

- (2)  
F  
BH  
Group. cv. 'Crispa'  
Cult. ornamental kale. Leaves  
pale glaucous green; young  
center leaves tinged pink  
yellow.  
n.v. ornamental kale

13231. Drosera deremensis Engl. Liliac.

- (1)  
F  
cv. 'Longii'  
Cult. ornamental unbranched  
drosena. Leaves medium green  
with central white stripe.

13232. Pelargonium carnosum (L.) L'Her. Geran.

- (1)  
F  
Cult. herb with fleshy stems.  
Leaves with unpleasant foetid  
odor.

13233. Zamia muricata Willd.

- (1)  
F  
Cult. cycad, purchased at  
Fairchild Garden, Miami, Fla.

13234. Austrobaileya

- (2)  
Cult. Field Museum - from  
Arnold Arboretum.

10 nov 1983. Chicago.

13235. Selvia

F (1) Cult 25 hedge in Shopping  
Center in Niles.

Chicago.

19 nov. 1983. 831 W. Buckingham

13236. Datura innoxia Mill.

(5+5) var. meteloides

sq-fruit

HUT  
CHAPA  
LINA  
MGT

F+fruit  
coll.

Cultivated perennial  
herb grown in Chicago gardens.  
Fruits spiny, pale green.

University of Chicago.

13237. Rhipsalidopsis rosea (Lagerh.) Britt. + Rose

(1) Cult. epiphytic cactus. Flowers  
F rose-pink.

13238. Cressula argentea Thunb.

(1) jade plant.

F Cult. Succulent shrub 80 cm  
tall. Flower buds pale pink.

13239. Hoya linearis

(1) Cult. pendulous vine. Flowers

F pale creamy yellow.

- 13230A Crassula multicaeva Lem.  
F (1) Erect succulent ~~sub~~shrub. Flower buds pink.
- 13231A Euphorbia zphylla Brouss.  
F (1) Cult. Erect shrub 50 cm. Flowers yellow. Milky latex.
- 13232A Ficus deltoidea Jack  
F (1) Cult. shrub 50 cm. tall.  
~~Synconia~~  
~~Fruits~~ yellow.
- 13233A Streptanthus nobilis  
F (1) Cult. herb. Fruits green.
- 13234A Sarcococca ruscifolia Steff. Buxac.  
F (1) Cult. shrub 1 m. tall. Fls. pale green.
- 13235A Asparagus setaceus (Kunth) Jessop Liliac.  
F (1) Cult. wiry herb. Immature fruits dark green. "Asparagus fern"
- 13236A ~~Ele~~ Eleutheria cardamomum (L.) Moten  
F (1) Cardamon  
Cult. aromatic rhizomatous herb.  
Fruits immature, green.

→ Melicope danhomii (Seemman) T. G. Hartley, comb. nov.  
cv. 'Ridleyi'  
det. T. Hartley 1986. det. A. C. Smith 1986.

Euodia ridleyi Hochreutiner Rutaceae

• 13237A ~~Polyscias filicifolia (C. Morre ex~~  
(1+1) ~~F. Fourn. L. H. Bailey~~

F Cult. treelet 2 m. tall.  
Fls. yellowish green. Fruits  
green, seeds black. cv. 'Lacy Lady'

• 13238A Hemiphaea wardii Lodd. ex Lindl.

(1) Cult. epiphytic orchid.  
F Flowers pale yellow with dark  
brownish purple spot.

Garfield Poth Conservatory,  
Nov. 22, 1983.

• 13239A Browallia americana L.

F (1) Cult. erect herb. Flowers  
blue-violet with yellow eye.  
Specimen accessioned at F to herb  
2 Dec 83

Browallia undulata

28 Nov 1983. Chicago,

13240. Browallia undulata Sol.

Cult. shrub 1 m. tall.  
Fls. creamy white turning  
yellow with age, fragrant  
at night.

Pennsylvania: Dauphin Co. Harrisburg.  
10 Dec. 1983.

13241. Begonia

Begon.

- (1) cult. herb 40 cm. Flowers  
white. Leaves dark green above  
with lighter green central stripe.  
Reddish beneath with pale  
green midrib.

13242.

Fungi

- (1) growing on fallen log along  
Beaver Creek. Thallus orange.  
Tree = *Quercus* sp.

13243. Platygyrium repens (Brid.) BSG

Musc.

- (1) Moss growing on fallen log  
along Beaver Creek.  
det. S. Dercole 1983

~~13244.~~

~~Pete~~

DEC 16 1983

Florida: Dade County. <sup>South</sup> Miami.  
6834 SW 78 terrace. Garden of  
Allen Fernandez. 16 Dec 1983.

13244. Hedyotis <sup>Engelm</sup>

(1+1) Cult. rhizomatous herb 2 m.

F-2 tall with arching culms.  
Fruits pale orange, bright orange  
within. Aids bright shiny red.

13245. Erythroxylum ulei O.E. Schulz <sup>Erythrox.</sup>

(3) Cult. shrub 1.5 m. tall. Petals  
greenish white, ligule creamy white.  
Long-styled plant.

F  
MSB  
TB

Ex Plowman et al. 4184

Colombia: Dept. Tolima: Hacienda  
Corinto between Melgar and El Carmen de  
Apicalá. Rio Sumapaz. 19 Aug 1974.

13246. Portea petropolitana (Wawra) Mez var. extensa <sup>L.B. Smith</sup> Bromel.

(1+1) Cult. clump forming terrestrial  
bromeliad 1.5 m. tall. Scape light

F-2 green towards, yellowish apically.  
Fruits + calyx reddish purple,  
turning dark purple with age,  
with waxy bloom.



13247. Aglaonema costatum

Arac.

- (1) Cult. low rhizomatous clump forming  
 F herb. leaves dark green above, mottled  
 with white specks and white midrib  
 above; lighter green ~~dark~~ below, with  
 white specks and green midrib.  
 Peduncle dark green. Spathe in young  
 fruit greenish white.

13248. Smilax

Liliac.

- (2) Cult. tough vine. Sterile. Grown  
 F from seeds of Plowman + Schumke  
 NY 7493. Peru: Dept. San Martín.  
 Tocache Nuevo. Banks of Río Huallaga.  
 30 Jun 1978.

13249. Malvaviscus penduliflorus DC.

Malvac.

- (3) Cult. shrub 3 m. tall. Flowers  
 F TAGS pendulous, pale pink. det. P. Foyxell 1986.  
 BH

13250. Anthurium antioquiense Engler

Arac.

- (1) Cultivated clump forming rhizomatous  
 F herb. leaves erect, dark, shiny green above  
 with yellowish green midrib, light green  
 beneath. ~~Spate~~ Petiole terete. Peduncle  
 terete. Spathe erect, greenish white. Spadix  
 erect, cream. Reported <sup>to be</sup> from Colombia.  
 det. T. Croat 1984.

DEC 16 1983

Acc. No.  
From N.Y. Botanical Garden 1383/78,

13251. Pyrrosia lingua

Fern

F (1) var. monstrifera

Cult. vining fern grown in hanging basket.

13252. Pyrrosia lingua

Fern

F (1)

Cult. vining fern grown in hanging basket.

13253. Pyrrosia lingua

Fern

F (1)

Cult. vining fern grown in hanging basket

13254. Pyrrosia samurensis

Fern

F (1)

Cult. vining fern grown in hanging basket.

13255.

Orchid.

(1)

Cult. terrestrial orchid forming small clump. Scape dark reddish purple. Tepals ~~cream~~ <sup>white</sup> tinged with reddish purple. Lip white at basal  $\frac{1}{2}$ , tinged red-purple in upper  $\frac{1}{2}$ . Column white.

photos.

F

Reportedly collected by Melvin  
Shenluck, —, Ecuador: Prov. Pastaza,  
Puyo. 1978.

13256. Monstera subpinnata Arac.  
(1) Cult. vine trailing on ground.  
F Sterile. Ex Plowman et al. —.  
Brazil?

13257. Ligularia Comp.  
(1+1) Cult. perennial herb 1 m. tall.  
F involucre green. Rays bright yellow.  
Disc bright yellow

13258. Palm.  
(3) Cult. ♀ palm 4 m. tall. Single  
F-3 Stemmed. Trunk green. Crown sheath  
30 cm. long, green. Leaves 6, pinnate,  
1-1.5 m. long. Infl. on 2 node below  
crown sheath, solitary. Immature  
fruits cream.

DEC 16 1983

Sepot.

13259. Synsepalum dulcificum (Schumacher  
& Thonn.) Daniell ex S. Bell

F  
NY

Cult. Shrub 1.5 m. tall.


No. true fruits red.

N. v. "Miracle Fruit" = after fruit is chewed,  
any food taken thereafter tastes very sweet.

13260. Anthurium cf. crassipes Engler <sup>Arac.</sup>  
<sup>det. T. Croat 1981</sup>

(1)

F

Cult. terrestrial (clump-  
forming) herb. Stems erect.  
Petiole  in cross-section,  
brown, pulvinus purplish.  
Leaves dark green above, lighter  
yellowish green beneath.  
Peduncle red, terete. Spathe  
and spadix red.

Grown from cuttings of  
Plowman et al. 1985, Brazil:  
Bahia: Itacaré. 12 Apr. 1980.

13261. JUSTICIA SPICIGERA SCHLECHT. Acanth.

(1)

F

Cult. Shrub 1 m. tall. Corolla  
bright red-orange throughout.  
DET. T. F. DANIEL 1987

13262. Thunbergia erecta (Benth.) T. Anderson Acanth.

(1)

F

Cult. Shrub 80 cm. tall. Corolla  
tube creamy white, limb rich  
blue-purple; yellow in throat.

19 Dec 1983.

Florida: Lee County. Buckingham.  
Cemetery Road. Property of Joe  
Wright.13263. Gmelina hystrix Verh.

- (1) Cult. scandent shrub, 1.5 m. tall.  
F Bracts in fruit pale green. Mature  
fruits yellow.

13264. Hibiscus acetosella Welw. ex Hieron Malv.

- (2) n.v. false roselle det. P. Fryxell 1984  
F Cult. erect sub-shrub 2 m. tall.  
Whole plant dark reddish purple.  
Flowers light reddish purple.

13265. Lindernia crustacea (L.) F. Muell. Scroph.

- (1) Low spreading herb in disturbed  
F area. Corolla tube violet, lobes very  
pale blue. det. K. Barringer 1984.

13266. Murdannia spirata (L.) Brückn. Commel.

- (2) Diminutive herb among grasses  
F in lawn. Flowers light pinkish  
45 violet  
det. R.B. Faden 1984.

DEC 19 1963

13267. Commelina diffusa Burm.f. Commel.  
(2) Trailing herb with erect  
flowering stems in lawn  
and disturbed areas. Flowers  
sky blue det. R.B. Faden 1984.

F  
US

13268. Plectranthus cylindraceus Benth. Labiat.  
(1) Cult. herb with succulent  
leaves with strong odor of  
Camphor. Flowers pale blue.

F

- 13269 Helianthemum corymbosum Michx. Cistaceae  
(2) Erect suffrutescent herb  
in weedy pasture. Flowers  
bright golden yellow.

F  
NY  
MBM

13270. Commelina nigritiana Benth. var.  
gambiae (C.B. Clarke) Brenan Commel.  
(2) Erect herb in weedy  
pasture. Flowers pale orange.  
Stems red. det. R. Faden 1984.

F  
US

13271. Cyanotis obtusa (Trim.) Trim. Commel.  
(3) Cult. fleshy herb. with  
trailing rhizomes. Leaves  
equitant, green on upper  
surface; red purple on lower  
surface, especially basally,

F  
US

to green. Stems and bracts dark red purple. Flowers pale blue. Anthers orange.

det. R. B. Faden 1984

Florida: Lee County. Alva.  
Between Route 78. River Haven Nursery  
and the Caloosahatchee River  
Property of John Bonta.  
19 Dec 1983.

DEC 19 1983

→ Calloecum antifebrile (Griseb.) D. Johnson, ined.

13272. Mascagnia psilophylla (Adr. Juss.) Malpigh.  
Griseb.

(4)

F  
MICH  
NY  
MBM

Cult. extensive vine. Leaves shiny green above, dull yellowish green beneath. Immature fruits shiny green.

Grown from cuttings of Plowman 6033, collected in Peru: Dept. San Martín. Tarepoto. n.v. "shillinto negro" 4 May 1976.  
Det. D. Johnson 1984.

DEC 19 1983

13274 Ipomoea

Convolv.

(2)

F

Cult. ornamental vine grown from cuttings of locally common roadside plant. Corolla tube pale pink. Limb deep blue with pink creases in star pattern.

13275. Tithonia diversifolia (Hemsl.) Gray Comp.

(2)

F

NY

Cultiv. Coarse perennial herb to 4 m. tall. Rays bright golden yellow. Disc deep yellow-orange.

13276. Dombeya sp.

Stercul.

F (1)

Cult. low shrub 40 cm. tall. Petals dirty rose-pink.

13277. Pachyrrhizus erosus (L.) URBAN Legum.

(3)

F-2

N.v. "jicama"

DET. H. SORENSEN 1985

Cult. <sup>perennial</sup> ornamental vine, 4 m. tall. Fruits pendulous, green with yellowish hairs, immature. Flowers said to be rich blue.



13278. Medinilla sp.

Melast.

- (1) cult. Ornamental shrub 80 cm.  
 F tall grown in greenhouse. Infl.  
 axis. pink. Bracts pale green. Pedicels  
 pinkish white. Calyx white. Petals  
 pink.

13279. Fittonia albivenis

Acanth.

- (1) cult. low herb. Stems, petioles  
 F and peduncle dull red. Leaves  
 dark green on upper surface with  
 carmine pink veins; pale green  
 throughout on lower surface.  
 Bracts pale green. Flowers pale yellow.  
 Grown from cuttings from Peru,  
 coll. T. Plowman. 5725A. Huánuco:  
 Tingo Maria. 24 Mar 1976.

13280. Hemigraphis

Acanth.

- (1) cult. low herb. Stems + petioles  
 F dark red. Leaves <sup>very</sup> dark green above  
 with dark red purple nerves; <sup>red purple on lower surface</sup> Bracts  
 dark red purple. Corolla tube cream.  
 Linn. pale yellowish.

DEC 19 1983

M.T. Mast.

13281. Strobilanthes dyeranus Acanth.

(2)

F-2

Cult. subshrub 1 m. tall.

Leaves green above with red-violet to silvery color between major nerves, pale green <sup>to</sup> with red-violet beneath. Bracts greenish white with green margins. Corolla light blue-violet.

(Nees) Radlk.

13282. Pseuderanthemum alatum Acanth.

(1)

F

n.v. chocolate plant

Cult. herb. Leaves brown above, very pale green beneath. Immature fruits green.

13283. Smithiantha hybrid Green-

(1)

F

Cult. herb. Leaves dark green above with dark reddish veins. Infl. axis and pedicels ~~red~~ red. Corolla pink orange with whitish lobes.

13284. Streblacanthus sp. nov. Acanth.

(3)

F  
us

Cult. Tall herb to 1.8 m. Leaves dark velvety green above, dark red-purple beneath. Corolla rose pink. det. D. Wasshausen 1984.

Seed from Andromeda Gardens,  
Barbados, coll. Apr. 1981, by  
John Banta.

13285. Pogostemon cablin (Blanco) Benth. Labiat.

(2) n.v. patchouli.

F  
K

line

Cult. herb to 90 cm. tall.

Leaves strongly aromatic. Flowers  
white to very pale lilac. From  
Country Hills Gardens, Stewart, Ohio.

13286. [Justicia ?]

Acanth.

(1) Cult. ornamental herb 2 m.

F

tall. Leaves variegated dark green  
and silvery green on upper surface,  
pale green on lower surface.

Calyx dark brown at base, lobes  
light green. Corolla yellow-green  
in bud.

From Monroe Birdsey.

13287. Drecaene surculosa Lindl.  
gadschaffiana

Lilic.

(1)  
F

Cult. subshrub with dark green  
leaves spotted white or yellow.  
Unopened flowers green.

DEC 19 1983

det. T. Plowman 1984.

13288: Bomarea dolichocarpa Killip. Amory 11.

(1) Cult. twining vine. Outer  
F Tepals deep pink with red spots.  
Inner tepals dark red.

Grown from seeds of  
Plowman + Rury 11289

Peru: Dept. San Martín: 24 km NW of  
Pucayacu on road from Tingo Maria to  
Tocache Nuevo, Alt. 545 m.  
(101 km NW of Tingo Maria). 11 Dec 1981.

13289. Drezena surculosa Lindl. li/ox.

(1) Cult. subshrub 40 cm.  
F Leaves green with white spots  
and/or with broad central  
white stripe. Flower buds  
yellow-green

13290. Fittonia albivenis Acanth.

(1) Cult. low herb. Leaves dark  
F shiny green above with reddish pink  
veins. Bracts pale green. Flowers  
pale yellow.  
Ex hort.

- 13291 Odontonema strictum (Nees) O. Kuntze  
 F (1) Cult. herb 40 cm. Peduncle  
 dark red purple. Calyx and corolla  
 bright red.

- 13292 Hemigraphis ['Exotica'] Acanth.  
 (1) alternata (Burm.f.) T. Anderson  
 F Cult. herb. leaves dark green  
 above, red purple beneath. Bracts  
 dark red-purple. Fl. white.

13293. Fittonia albivenis Acanth.  
 (1) Cult Low herb. Leaves dark green above  
 F with white veins, pale green  
 beneath. Bracts pale green. Flowers  
 pale yellow.

13294. \_\_\_\_\_ Marant.  
 (1) Cult. herb 4 m. tall. Bracts  
 F and flowers yellow green.  
<sup>Monroe</sup>  
 From Birdsey, Miami, Florida.

13295. Euphorbia leucocephala Lotsy Euphorb.  
 (1) Cult shrub 1.5 m. tall. Bracts  
 F white.

13296. Gynura bicolor DC. Comp.

F (1) Cult. erect herb. Leaves above  
blackish with green veins, red-  
violet beneath. Flowers orange,  
unpleasantly fetid (butyric  
acid).

From Bangkok ex Monroe Birdsey.

13297. Calliandra emarginata (H. & B.) Benth. Legum.

F (1) Cult. subshrub 50 cm. tall.  
Calyx + filaments red.


13298. Viburnum suspensum Lindl. Caprif.

F (1) Cult. shrub 2.5 m. tall.  
Flowers creamy white, fragrant.

(Smith)  
13299 Disotis rotundifolia Triana Malast.

F (2) Cult. sprawling herb forming  
US dense stands. Petioles red.  
Petals pink. det. ~~D. J. Wurdach~~  
J. J. Wurdach 1984.

13300. Anthurium LLEWELYNII CROAT Arac.

F (1) Cult. rosulate herb, possibly  
semi-climbing. Leaves shiny  
dark green above with knife-  
edged midrib, pale dull green  
beneath. Petiole  in section.

DET. T. CROAT 1988

Infl. brist.  
 Ex. H. Kennedy 3545A

Peru: Dept. San Martín. km. 5<sup>on road</sup> from  
 Tarapoto to Yurimaguas. 1976.

13301. Tetrapanax papyriferus (Hook.) C. Koch Araliac.  
 (2) Cult. treelet 2 m. tall, unbranched.  
 F-2 Flowers creamy white.  
 n.v. "rice-paper plant"

13302. Kalanchoe tubiflora (Harv.) Hamet Crassul.  
 (1) det. T. Plowman 1984.  
 F Cult. erect herb. Flowers red-  
 orange, pendulous. Leaves fleshy  
 grey-green with dark brown  
 streaks.

13303. Kalanchoe daigremontiana Hamet + Perr. Crassul.  
 (1) Cult. erect succulent.  
 F Fl. buds pale green.

13304. Kalanchoe daigremontiana Hamet + Perr. Crassul.  
 (1) Cult. erect succulent.  
 F Fl. buds pale green.

DEC 21 1983

Florida: Sarasota County, Sarasota.  
Selby Botanical Garden.  
21 Dec 1983.

13305. Costus [comosus?] Zingib.

flos  
F  
(1) Cult. herb 80 cm. tall. Leaves  
dark <sup>green</sup>, rather shiny above,  
very pale, shiny green beneath.  
Bracts + calyx red. Corolla  
deep yellow. Labellum yellow with  
reddish tip. SEL 80-888.

Orig. collection:

C. Dodson s.n.; Ecuador:

Prov. Los Rios, across river from Rio Palenque  
Field Station. Alt. 240 m. ca. 1974.

13306. Costus asplundii Mez Zingib.

flos  
(A)  
u  
F-2  
SEL  
(6) Cultivated rhizomatous  
herb, "stalks" ca. 0.5 m. apart,  
4 m. tall. Stems dark pur-  
plish brown. Leaves dark  
green, shiny above, pale green  
shiny beneath. Petioles red-  
dish. Hairs on stem whitish.

Inf. apical, → Basal part of bracts dark  
red; appendaged part green,  
dark reddish in upper part



of infl. Calyx red. Corolla deep pink. Labellum pale pink with yellow lower lip. SEL 78-1098.  
acc. no.

Orig. collection:

M. Madison, T. Plowman & L.

Besse s.n. Ecuador: Napo.

Limoncocha, July 1978.

(Sterile, <sup>herbarium</sup> no collection). ←

13307. Alternanthera lanceolata (Benth.) Schinz Amaranth.

(4) Cult. herb, decumbent

F Stems rooting at nodes. Stems +  
PH petioles reddish purple. Flowers  
NY white. Leaves green above, red-purple beneath  
MO

Orig. coll.

Plowman + Schumke 11698.

Peru: Dept. San Martin. Tocache Nuevo.

24 Dec. 1981. n.v. "lancetilla"

13308. Alternanthera Amaranth.

(3) Cult. herb. Stems + leaves dark  
F red purple. Infl. white.

PH  
NY

DEC 22 1983

Florida: Dixie County. Banks  
of the Suwannee River  
at Route 19 crossing east of Old  
Town. 22 Dec 1983.

13309. Ilex opaca Ait. Aquifol.

F (1) Treelet 5 m. tall. Mature  
fruits red.

13310. Quercus virginiana Mill. Fagac.

(1) Small tree 5 m. tall. Leaves

F dark shiny green on upper sur-  
face, very pale brown on lower  
surface. Immature ~~fruits~~ galls rusty  
brown

13311. Ascyrum hypericoides L. Guttif.

F (1) Shrub 1 m. tall in woodland  
margin. Fruits brown.

13312.

F

(1)

Subshrub 1 m. tall.

Comp.

Florida: Sarasota County. Sarasota. 22 Dec 1983

13313. Ilex aquifolium L. cv. Aquifol.  
<sup>Christmas holly</sup> branches.

F (1)

Commercial a Leaves dark green,  
shiny with white margins. Fruits  
bright red. Cut greens sold as orna-  
mentals. From Medford, Oregon.  
"holly"

Florida: Liberty County. Torreya State  
Park. Between Rock Bluff and  
Apalachicola River.

23 Dec 1983.

*serotinum* (Raf.) Johnston

det. J. Kuijt  
1985

13314. *Phoradendron flavescens* (Pursh.) Nutt. Loranth.

(3) n.v. "mistletoe"

F  
LEA  
NY

Hemiparasite growing on culti-  
vated (~~pine~~?) trees around house  
sites. Inflorescences yellow.  
Mature fruits white.

13315. *Hydrangea quercifolia* Bartr. Saxifr.

(2) Tall shrub 5 m. tall. Old

F  
NY

fruits brown.

13316. *Myrica cerifera* L.

Myricac.

(1) Tree 5 m. tall in oak-pine

F forest. Fruits brown, waxy.  
n.v. "wax myrtle" ! A. BORNSTEIN 1992

13317. *Eriogonum tomentosum*

Polygon.

(1) Perennial (rosette) herb with woody  
base. Calyx white with pink blush  
in middle of sepals. Fruits shiny  
brown. Growing in <sup>open</sup> burned area  
in pine-oak forest.

DEC 23 1983

13318. Vaccinium arboreum Marsh. Ericac.  
DET. L.J. UTTAL 1990

- (1) Shrub 2 m. tall in open  
F pine-oak forest. Mature fruits  
shiny black, pedicels reddish.

13319. Osmanthus americanus (L.) Benth. + Hook. f. Gray

- (1) Small tree 4 m. tall in  
F pine-oak forest. Young inflo.  
pale green.

13320. Smilax lanceolata L. Liliac.

- (1) Sprawling perennial vine  
F among shrubs in open pine-  
oak woods. Mature fruits blue-  
black with waxy bloom.

13321. Ilex vomitoria Ait. Aquifol.

- F (1) Shrub 2.5 m. tall in open  
FOTOS seeds pine-oak woods. Mature fruits  
bright red, shiny.

13322. Solanum Solanac.

- (1) Annual herb in open area  
F along banks of Apalachicola  
River. Fruits shiny black.

13322A. Erythrina herbacea

seeds only - 2 → Waimoa

13323. Adiantum capillus-veneris L. Fern

- F (1) Fern growing on steep marsh outcrop in pine-oak woods.  
det. R. Stolze 1984

13324. Iresine Amaranth.

- F (1) Scandent herb 1 m. tall on hilltop in open pine-oak woods. Flowers greenish white.

13325. Magnolia grandiflora L. Magnolize.

- (2) Tree 20 m. tall x 65 cm. DBH. Leaves dark green, shiny on upper surface, rusty brown beneath. Fruits on ground, covered with greyish trichomes.

F-2.  
sep. fruit

13326. Conopogon americana (L.) Wallr. Orobanch.

- (1) Sessile in leaf litter in pine-oak woods. Plant brown, dried. Seeds dark brown.

13327. Euonymus americanus L. Celastr.

- (1) Slender shrub 3 m. tall with bluish green branchlets. Fruits brown, seeds red-orange.

DEC 23 1983

13328. Lygodium japonicum (Thunb.) Sw. Gleichen.  
F-2 (4) Frequent climbing fern to 5 m.  
along riverbank in open areas  
and woods. det. R. Stolze 1984.

13329. Texus floridana. Toxic.  
(2) <sup>spreading</sup> Planted shrub 2 m. tall,  
F NY 2 m. in diameter. Male cones  
yellow.

13330. Torreya taxifolia Arn. Toxic.  
(1) <sup>erect</sup> Slender tree 3 m tall  
F on slope in hardwood hammock.  
Sterile. Plant recovering from  
blight which decimated popu-  
lation in 1960. Sterile.

13331. Pinus echinata Mill. Pinac.  
(3) Tall dominant pine 20 m.  
F tall on hilltop in pine-oak  
NY forest.  
TEX

13332. Commelina virginica L. Commel.  
(1) Perennial herb on sandy  
live only.  
stream-edge in hardwood  
sterile pressed. forest hammock. Sterile.  
US det. R. B. Faden 1984.

Florida: Leon County.

Tallahassee. 26 Dec. 1983.

13333. Illicium floridanum Ellis.

Illiciaceae

(1) cv. "Staranise"

F Cult. shrub 1 m. tall in  
commercial nursery. Flowers  
red.13334. Arzuceria

Asteraceae

(3) Cult. tree 10 m. tall x 20 cm.

F-3 DBH. Bark reddish brown. Cones  
brown.13335. Podocarpus macrophyllus (Thunb.) D. Don Podocarp.(4) Cult. tree 5 m. tall. Fleshy  
part of cone dark purple, soft &  
juicy. Seeds green, germinating  
in situ.F  
BH  
MBM  
MO13336. Ilex cornuta THUNB. cv. 'BURFORDII' Aquifoli.(2) Shrub 2 m. tall with spreading  
branches. Fruits dull red.F  
BH

Ligustrum

DET. R. CLARK 1988

13337. Chionanthus

Oleaceae

(1) Cult. Shrub 3 m. tall. Fruits blue-  
black.

F

DEC 26 1983

Florida: Wakulla County. Saint Marks. San Marcos de Apalache Historical Park. 26 Dec 1983.

.13338. Aster Comp.

(1) Scrambling scandent shrub  
F 3 m. long among shrubs.  
Rays pale lavender. Disc  
dull yellow.

DEC 30 1983 30 Dec 1983. South  
Florida: Dade County. Miami.  
6834 sw 68 Terrace. Garden  
of Allen Fernandez.

13339. Heliconia Musc.

(1) Cult. Herb 1.5 m. tall.  
F Leaves medium green on both  
surfaces, somewhat shiny beneath.  
foto Inf. erect. Peduncle & bracts  
corolla red, whitish at  
tips. Pedicel yellow. Ovary  
red. Perianth pure white,  
green toward tip.  
Ex Plowman 10174N. Brazil:  
Rio de Janeiro. Jardim Botânico District.  
Horto Florestal. Represa de Cabeça. 25 Apr 1980.



DEC 30 1983

13340. Rhapis Palmae  
F (1) Cult. palm 2 m. tall forming  
small clump. Infl. green.  
n.v. Dwarf Thai.

13341. Rhapis Palmae  
F (1) Cult. slender single stemmed palm  
1 m. tall. Infl. green.  
n.v. "dwarf Thai"
- 

JAN 1 1984

Florida: Dade County. Key Biscayne.  
Cape Florida State Park.  
Jan. 1, 1984.

13342. Euphorbia Euphorb.  
F (1) low Cespitose herb in open dunes  
behind beneath. Milky latex.  
Leaves somewhat succulent. Flowers  
pale yellow.

13343. Physalis walteri Nutt. Solanec.  
F (2) Herb 40 cm. tall in sandy  
NY area along trail at edge of  
hammock. Corolla pale yellow.  
Leaves somewhat succulent.  
det. M. Nee 1985.

JAN 1 1984

Simaroub.

13344. Suriana maritima L.

Aster.

- F (1) Perennial suffrutescent herb  
50 cm. tall in open dunes behind  
beach. Flowers pale yellow-  
orange.

13345. Chiococca alba L.

Rubiace.

- (2) Scrambling-scandent shrub  
with arching branches, 2 m  
tall. Immature fruits flatten-  
ed, green; mature fruits spher-  
ical, white. Growing in open  
clearing in hardwood hammock  
near the sea.

foto.  
FRS → (A)  
seed  
F  
MBM

13346. Commelina erecta L.

Commel.

- (2) Trailing prostrate  
herb on sand in shade  
of shrubs at edge of  
woods behind beach.  
Flowers sky blue.

F  
US

det. R. B. Faden 1984.

Chicago, Ill. 16 Jan 1984

13347. Nigella arvensis L.

N. v. Kulanji, black mustard.

seed only

Seeds used as condiment. Purchased  
at Oriental Foods, 3708 N. Broadway,  
Chicago.

1 Feb 1984. Field Museum

13348. Podocarpus gracilior Pilger

(2) Cult. Shrub 3 m. tall. Sterile.

F

BH

16 Jan 1984

13349.

Bromel.

F (1)

Cult. bromeliad received from  
Allen Fernandez, Miami, Fla.

Leaves dark shiny green.

Breets reddish purple. Rachis  
red. Ovary bluish purple in upper  
half, magenta in lower half.

7 Feb 1984 = Commercial floral arrangement

Mo 13350. Acacia decurrens Willd.

F (4)  
BH

Flowers golden yellow.  
det. C. Niggold 1985

13351. Oncidium

Orchid.

F (2)  
BH

Flowers yellow.

13352. Tulips

F (1)

Petals yellow.

Field Museum 7 Feb 84

13353. Kalanchoe

Cressat.

(1)

Cult. Succulent herb. Corolla tube  
yellow, lobes orange. Filamentals  
deep orange.

F

17 Jan 1984 Chicago.

13354.

Bromel.

F (1)

Rosette epiphyte. Cult.  
Calyx bright pink, fading to green.  
Corolla purple. Anthers purple.  
From A. Fernandez

wood	+3
chem anal. -	+3
(A) —	+2

Venezuela: Distrito Federal. Los  
Caracas, coastal resort town  
45 km. east of La Guaira. Flood  
plain along stream in dry hills  
south of the resort.

24 March 1984

Coll. T. Plowman & P. Berry

13355. Erythroxylum gracilipes Erythrox.  
(3) Erect shrub <sup>1 m tall</sup> at base of dry hillside  
in forest. Branches reddish or yellowish  
brown. Leaves dull medium green <sup>on upper surface</sup> (above)  
with pale green midrib; lower surface  
lighter yellowish green with very pale green  
midrib & 2 prominent, pale green parallel  
lines. Sterile. Only one seen.

chem  
foto

US  
VEN  
F

13356. Kohleria hirsuta (Kunth.) Regel Gesner.  
(2) <sup>VAR. HIRSA</sup> Herb on moist streambank.  
Corolla red-orange, yellow within,  
with red spots. ! L. KVIST <sup>1984</sup> det. L. Skog 1984.

F  
US

C. PITTERI STANDL.

13357. Colliandra polyphylla Harms Legum.  
(3) Frequent tree, 8 m. tall, along  
stream. Calyx cream to pinkish.  
Filaments basally white, apically  
deep pink.  
det. C. Niezgoda 1984.

US  
VEN  
F

MAR 24 1984

13358. Begonia HUMILIS AIT. Begn.

(3)

VEN  
F  
UTLEY

Herb 40 cm tall with succulent stems growing on stream bank. Peduncle + pedicels pale pink. Ovary green. Perianth white. Anthers golden yellow. Red hairs on upper surface of leaves.

DET. K. BURT-UTLEY 1987

13359.

(2)

F  
VEN

Tree 8 m. tall. Branches more or less pendulous. Leaves dark green on upper surface, light yellow green on lower surface. Pulvines reddish. Bark stringy. Sterile.

13360. Rhynchosyris carthagenensis (Jacq.) O. Ktze. Cucurbit.

(3)

F  
VEN  
K

Herbaceous vine 6 m. long in thicket along river. Corolla white. Mature fruits greenish white.

det. M. Nee 1984.

! C. Jeffrey 1984.

MAR 24 1984

Venezuela: Distrito Federal. El  
Ávila, northfacing slopes. Road  
from Macuto to Galipán. Alt.  
1410 m. 24 March 1984  
Coll. T. Plowman & P. Berry

13361. Tripsacum andersonii J. R. Gray <sup>1</sup> Green  
(8) <sup>Gress</sup> <sup>clump</sup> Clump-forming grass 2.5 m. tall,  
USB MO-2 2.5 m. across on open roadside.  
VEN Leaf sheaths reddish purple. Spikelets  
F green, basally ~~reddish~~ purple. Stigmas  
WIS dark purple. det. J. M. J. de Wet 1985  
det to P. Berry H. H. Iltis 1988!  
MAR 24 1984

Venezuela: Distrito Federal. El Ávila,  
northfacing slopes. Boca del Tigre  
at top of ridge. Alt. 1850 m.  
24 March 1984  
Coll. T. Plowman & P. Berry

13362. Erythroxylum amazonicum Peyr. Erythrox.  
(2)  
Erect shrub 2.5 m. tall (saplings)  
chem growing in low forest on ridge top.  
upper surface of leaves dark green, somewhat shiny,  
VEN with pale green midrib; lower surface  
F light green with dark green nerves  
and major veinlets. Sterile.

MAR 27 1984

Venezuela: Estado Falcón. Distrito Silva.  
Coro-Morón Highway at turn off to Morrocoy  
National Park. Approx. 10°51' N., 68°20'  
W. 27 March 1984.  
Coll. T. Plowman & P. Berry

27 Mar 1984. T. Plowman + P. Berry

13363. Erythroxylum cumenense HBK.

F  
USB  
VEN

(3)

Erect shrub 1.5-2 m tall  
in partial shade in low-lying dry  
forest. Lvs. medium green above, milky;  
pale dull green beneath, ciliate.  
Sterile.

13364. CF. NEEA ANISOPHYLLA ERNST. Nycteg.

(4)

F  
VEN  
U  
MO

Shrub 2 m. tall in low-  
lying dry forest in partial  
shade. Young inflorescence  
light green. DET. R. LEISNER 1990

Venezuela: Estado Falcón: Distrito Falcón. Ismo  
de Médanos. Thorn scrub near sea level. 27  
March 1984.

Coll. T. Plowman & P. Berry

13365. Condalia henriquezii Boldingh Rhmnac  
(3) Much branched shrub 1.5 m. tall ~~under~~  
Prosopis juliflora with Opuntia spp.

F  
VEN  
TEX

Fl. buds green. Only one seen.  
confirmed det. M. Johnston 1984



MAR 28 1984

VENEZUELA: Estado Falcón: Distrito Petit.  
Sierra de San Luis. Paraguariba. 3 km. ENE  
of Cerro Galicia, 2 - 3 km. NW of town of  
Curimagua. Approx.  $11^{\circ}11'30''$  N,  $69^{\circ}41'$  W.  
Alt. 1200 - 1400 m. 28 March 1984.  
Coll. T. Plowman, P. Berry & R. Wingfield

28 Mar 1984. Coll. T. Plowman, P. Berry & R. Wingfield  
*Geonoma (near for Venezuela)*

13366. Geonoma undata Klotzsch

Palmaceae

(18)

det. A. Henderson 1984.

det. to G. W.

Single trunked palm in island of forest  
in savanna. Trunk 3 m. <sup>tall</sup> x 6 cm dia.

Crown shaft 20 cm. long, reddish brown.  
leaves about 10. Petiole 43-45 cm  
long. Leaf blade 110-135 cm long.

Leaflets unequal width but  $\pm$   
evenly spaced, about 20 per side. Inf. <sup>with</sup> 3  
exes, appearing 5 nodes below  
Crown shaft; Infl. axis olive green  
to brownish yellow; fruits  
nearly mature, shiny black.

VEN-5

F-5

NY-6

MAR. 28 1984

? *h. americana* / *h. americana* *intermedia*,  
or *h. n. n.*?

det. to Gen 13367. Euterpe  
(12)

Palmel

VEN-5  
F-7

Single Palm 10-12 m. tall with  
x 8 cm diam.  
suckers appearing at base;  
with 10 leaves. Crown sheath  
60 cm. long. ~~dark~~ shiny  
brown. Leaves about 2 m  
long with petiole ca. 16 cm.  
Leaflets 43 per side.  
Infl. solitary, spathe reddish-  
brown. Axis cream. Very  
young fruits pale brown,  
growing in island of forest  
in savanna area.

F  
VEN

13368. Lycopodium aequalupianum Spring Lycopod.  
(2) Pendulous epiphyte on tree trunk  
1.8 m. from ground in ridge top  
forest. det. R.G. Stolze 1984

foto

F  
VEN  
US

13369. Meriania longifolia (Naud.) Cogn. Melast.  
(3) Shrub 4 m. tall, 3 m. across  
on sides of ridge bordering  
Savanna. Calyx yellow green.  
Petals magenta. Filaments pale  
magenta. Anthers cream.

Leaves shiny dark green above, light green beneath

13370. Hillia parasitica Jacq.

Rubiaceae

(8)

F  
USB  
VEN  
NY  
US  
MBM  
K  
COL

Low sprawling terrestrial shrub to 2 m. tall. Leaves medium green matte above, pale green matte beneath. Stipules dirty pink. Corolla tube cream. Limb creamy white turning yellow with age. Fruits immature, light yellowish-green with enlarged, reddish brown persistent calyx lobes.  
det. P. Matekaitis 1984

13371. Psychotria costanensis Steyerl. Rubiaceae

(4)

F  
USB  
VEN  
NY  
seed-HLA

Tree 6 m. tall x 6 cm. diam. in ridge top forest. Leaves dark shiny green above; very pale green beneath, shiny. with dark green venation. Fruits shiny green turning <sup>red</sup> orange at maturity.

13372. Ilex fraxillensis Turcz

Aquif.

(11)

det J. Steyermark 1988.

F  
USB  
VEN  
U  
BH  
Mo  
NY  
K  
US  
G

Tree 12 m. tall x 15 cm. diameter with broad spreading crown. Petals white.

MAR 28 1984

? *Alchornea microrachis* (Hook. & G.)

13373. Columnnea sanguinea (Pers.) Honst. Gesneriaceae

(3)

F  
VEN  
US

Erect climbing epiphyte on tree trunk in edge of forest bordering savanna. Leaves dark green, shiny above; paler green beneath, somewhat shiny, with red hairs and dark red patches on apical half. Calyx pale green with red hairs. Corolla pale yellow with red hairs. det. L. Skog 1984.

→ Fimbristylis aspera (Schrad.) Boeckl. det. G. Dauden 1984

13374. Fimbristylis spadicea Vahl Cyper.

(5)

F  
VEN  
USB  
NY  
MO

Sedge forming small clumps 30 cm. diameter in low lying area of savanna. Spikes chestnut-brown. det. T. Koyama 1984.

13375. Tetrorchidium rubrinervium Poepp. Euphorb.

(4)

F  
VEN  
NY  
U

Weak treelet 5 m. tall at edge of forest. Leaves rubbery, shiny, medium to dark green on both surfaces. Immature fruits globose, green. Pistillate plants. See # <sup>13392</sup> B392 for staminate. det. M. J. Huft 1984.

13376. Piper pseudodivulgatum Steyermark Piper.

(3) Weak treelet 4 m. tall in interior of forest. Leaves dark green on upper surface, pale silvery green beneath. Sterile.

det. J. A. Steyermark 1984

13377. Anthurium nymphaeifolium Koch & Bouché Arac.

(6)

Terrestrial herb on erect stalks up to 2 m. tall. Leaves dark shiny green above, pale green shiny beneath, nerves reddish at base. Pulvinus yellowish green. Petiole green to reddish terete. Peduncle terete, shiny, light green. Spathe erect, abaxially shiny yellowish green, adaxially dull, pale green. Spadix cream, turning pale brown in fruit. Fruits purplish black.

13378. Rhamnus sphaerosperma <sup>Sw.</sup> var. polymorpha (Reiss.) M. C. Johnston. Rhamn.

(3) Slender tree 5 m. tall with

F thin crown. Flower buds pale green.  
VEN Growing along ridge bordering  
TEX savanna.

det. M. C. Johnston 1984.

MAR 28 1984

13379. Mikania trinitaria DC. Comp.

F  
VEN  
Holmes  
(3) Vine among shrubs in  
savanna margin. Flowers  
cream. Leaves medium green  
above, pale green beneath, mottled  
on both surfaces. det. W.C. Holmes 1986.

13380. Coccocypselum lanceolatum (R. & P.) Pers. Rub.

seed  
VEN  
F  
(2) Trailing herb among shrubs  
and grasses in savanna margin.  
Flowers pale violet. Fruits deep  
blue. det. P. Matekaitis 1984

(? lanceata ?) (need fls.!) |

13381. Schlegelia parviflora (Oerst.) Monachim Bignon.

(2) Woody climber 3 m. tall  
F  
VEN  
seed → MO  
plant of F → SEL  
on dead tree trunks in margin  
of woods bordering savanna. Leaves  
coriaceous, somewhat shiny medium  
green above; yellow-green, mottled  
beneath. Fruits dark purple,  
shiny; seeds brown, sticky.

13382.

F  
VEN  
(2) Suffrutescent herb 1 m. tall  
in savanna margin. Florets  
pale violet. Comp.

*Cybianthus lendleyi*13383. Cybianthus cuspidatus Miguel in Mart. Myrsinac.

(3)

F  
VEN  
NY

det. J. J. Pipoly 1984.

Shrub 1.5 m. tall in forest along  
small stream. Leaves shiny medium  
green above; silvery, mette green beneath.  
Infl. axis and flower buds dark red.

det. J. J. Pipoly

13384. Cestrum

Solanec.

(4)

F  
USB  
VEN  
MO

Virgate shrub 2.5 m. tall in  
margin of forest. Leaves medium  
to dark green, shiny, on both surfaces.  
Calyx dark green. Corolla tube dark olive  
green to dark purple; lobes axially  
dark purple brown, adaxially pale  
yellow. Immature fruits green.

13385. Aphelandra tomentosa Lindau Acanth.

(3)

F  
VEN  
US

Herbaceous climber to 5 m.  
tall in forest margin. Bracts and  
Calyx light green. <sup>gibbose</sup> ~~Base~~ of Corolla  
yellow; tube and limb orange. Fruits  
shiny black.

M.H. < 8 1984

subsp. venezuelica Steyer

13385. Psychotria guadelupensis (D.C.) Howard Rub.  
(4)

F  
USB  
VEN  
K

Epiphytic vine on tree trunks  
in forest along small stream.  
Leaves fleshy, dark green above;  
paler green beneath. Stem, peduncle  
& pedicels dark red. Fruits dark  
red, turning black at maturity.  
Flowers minute, white. Tube with  
pale pink limb. det. P. Matekaitis 1984

photos

F  
VEN  
USB

13387. Centropogon carnatus (L.) Druce. Lobel.

(3) Herb 1 m - tall in forest margin.  
Corolla pink.

seed.

13388. Bsammissia hookeriana Kl. Ericac.

(3) Scandent shrub 6 m - tall  
in margin of forest bordering  
savanna. Infl. axis dark red-  
purple. Pedicel red. Calyx and  
lower 2/3 of corolla red. Constricted  
apically part of corolla white.  
Very frequent.  
det. J. Luteyn 1984.

VEN  
F  
NY

! P. AFF. COARCTATA (RUIZ + PAN.) A.C. SM.  
J. LUTEYN (NY) 2007



det. J. G. → Habenaria gollmeri Schltr. det. L. Garay 1985.

13389. Habenaria roraimensis Rolfe Orchid.

F (1) Erect herb growing in open sandy savanna among grasses. Flowers pale green.

13390. Columnnea scandens L. var. fendleri (Sprague) Morley Gesner.

F (4) Climbing herb 4 m. tall on tree trunk in forest. Pedicel and calyx dark red. Corolla red-orange, yellowish along ventral, abaxial side. det. L. Skog 1984.

13391. Protium towarensense Pittier Bursera

(9) Tree 8 m. tall x 8 cm. diameter in forest bordering savanna. Fruits light to medium brown. Leaves dark to medium green, shiny above; paler green, somewhat shiny beneath with yellowish nerves.

13392. Tetrorchidium rubrinervium Poepp. Euphorb.

(8) Weak tree 6 m. tall in margin of forest bordering savanna. Leaves rubbery, dark green, shiny above; somewhat lighter, less shiny beneath. Beneath green. Anthers yellow.

det. M. J. Huft 1984

(over)

MAR 28 1984

Herminate plant. See # 13375 for  
pestillate.

13393. Dendrophthora elliptica (Gardner) Kr. + Urb. Lorentz.  
(4) Hemiparasite growing on J  
(Melastomataceae) (Grefferrieda latifolia)  
det. J. Kuijt 1985.

Plant dark green throughout.  
Flowers somewhat lighter  
green.

13394. Prunus myrtifolia (L.) Urb. Rosac.  
(3) Tree 10 m. tall x 8 cm.  
diameter in forest bordering  
savanna. Leaves shiny dark green  
above; pale yellow-green, matte,  
beneath. Immature fruits  
green.

13395. Dioscorea lehmannii Uline Discor.  
(5) det. F. Ayala 1984.

Vine among shrubs in small  
clearing in forest along stream.  
Fruits pendulous, yellow green.

F  
USB  
VEN

F  
VEN  
K

F  
USB  
VEN  
MO  
K

MAR 28 1984

(anther to Corolla)

'brasilense' / 'greenhouse' (how diff?)

13396. Hedyosmum gentryi D'Arcy + Liesner Chloranth

(5)

di. to Corolla

USA  
VEN  
F  
TEX  
NY

Tree 6 m. tall in margin of forest bordering savanna. Leaves dark green above, light yellow-green beneath, shiny both sides, aromatic. "Fruits" purple-black. det. Carol Todzia 1984.

13397. Anthurium longissimum Pittier Arec.

(1) <sup>Large</sup> Climbing epiphyte on tree trunks.

live → no leaves dark shiny green above, light shiny yellow green beneath. Sterile. (Leaves pedate)

det. T. Croat 1985.

13398. Epidendrum garcianum Gray + Dunsterville Orchid.

(5)

VEN  
F  
AMES  
K

Small epiphyte on exposed tree trunks in margin of forest bordering savanna. Sepals and petals creamy white, mottled lightly to almost completely with pale to medium reddish purple <sup>spots</sup> hyp. creamy white or lightly mottled axially. Frequent.

MAR 28 1984

E. SECUNDUM JACQ. (DET C. SASTRE 1990)

13399. Epidendrum ibaguense HBK. Orchid.

(3)

Terrestrial solitary orchid

30-100 cm in open savanna among grasses.

Flower color variable, deep red to magenta.

13400. Dystovomitia clusiifolia (Mequiere) D'Arcy Clusiaceae.

(2)

Tree 15 m. tall x 20 cm

diameter, often with more

than one primary trunk. Leaves

sparsely, large, dark shiny green

above; paler yellowish green

beneath. Fruits cauliflorous

in small clusters on (lax) branches,

immature, globose,

light green.

13401. Eumecorhiza umbellata (Spreng.) Schumacher

subsp. septentrionalis Steyermark. var. septentrionalis

(2)

Wiry vine among shrubs

in margin of savanna. Flowers

white. det. P. Matekaitis 1984

13401A. Trimezia martinicensis

[1 bulb only → Mo. Bulbous herb in savanna. Fl. yellow.]

13401B. Tillandsia?

Bromel.

seed only  
→ SELEpiphyte on slender tree trunks  
in margin of ridge top forest.13402. Trichosalpinx aff. dura (Lindl.) Luer Orchid.

(2)

Epiphyte on tree trunk. Flowers  
in bud yellow. Bracts greenish  
yellow. det. J.T. Atwood 1986.F  
VEN13403. Stelis

Orchid

(2)

Epiphyte on tree trunk in forest at  
savanna margin. Flower bud yellow.  
det. J.T. Atwood 1986.F  
VEN13404. Stelis

Orchid.

(1)

Epiphyte on tree trunk in forest. Flowers  
in bud tawny.  
det. Atwood 1986.

F

13405. Dipteranthus obliquus (Schnee) Garay Orchid.

(2)

Epiphyte on tree trunk in forest  
at savanna margin. Fls. yellow green.  
det. Atwood 1986.

F

13406. Stelis (santlousensis Foldvik)

Orchid

(2)

Epiphyte on tree trunk in forest at  
savanna margin. Fls. pale yellow-orange.VEN  
F

13407. Guzmania cylindrica L.B. Smith Bromel.

F (3) <sup>(Citrus)</sup>  
 Epiphyte on tree trunk 2.5 m.  
 Fern ground in disturbed  
 area. Leaves light green,  
 shiny Bracts light green.  
 Calyx white. Corolla creamy white,  
 in bud with slight greenish  
 tinge. Plant exuding copious  
 mucilage from stem and inflorescence.  
 det. L.B. Smith 1984

13408. Hippeastrum elegans (Spreng.) Amaryll.(2) (Amaryllis elegans Spreng.) H.E. Moore

F  
 VEN  
 Bulbs.  
 Bulbiferous herb in dry 2°  
 forest on hillside, in former coffee  
 plantation. Two plants seen in full  
 flower, other bulbs starting to  
 sprout leaves. Floral tube greenish  
 yellow. Tepals pale greenish  
 yellow basally, white apically.

13409. Cordia bicolor A. DC. Borag.

(4) Tree 15 m. tall x 15 cm.

F  
 USB  
 VEN  
 MO  
 diam. in disturbed hillside  
 forest along trail. lvs. dark green  
 above, pale green beneath  
 Immature fruits pale green.  
 det. J.R. Miller 1984

cf. var. pubens Steyermark13410. Pellicourea perquadrangularis Wernh. Rub.(3) Shrub 2 m. tall in dry forest along trail. Peduncle and infl. axes red-purple. Flower buds purple.  
VEN  
F  
MO  
det. J. A. Steyermark 1985.  
→ det. L. Skog 1984.(Allopectus microsepalus Morton)13411. Pentagonia microsepalus (Morton) Wiehler Gesner.(3) Climbing herb appressed to tree trunks in forest bordering savanna. Stems pale brown, succulent. Leaves dark green above, somewhat shiny; yellowish green beneath with pale nerves. Lf. margins pale red. → Calyx pale green with red-tipped lobes. Corolla pale yellow throughout.  
VEN  
F  
US  
Lf. margins pale red. →COLUMNEA SPATHULATA MANSF.

DET. J. F. SMITH 1991

13412. Guapirã

Nyctag.

(4) Frequent tree to 8 m. tall in forest and savanna margin. Flower buds yellowish green.  
F  
VEN  
LI  
MO

13413A.

Brassik.

seen in Epiphyte on tree or nigh top.

MAR 28 1984

13413. Erythroxylum <sup>cf.</sup> amazonicum Peyr. Erythrox.  
(10)

FRS → A  
fotos

USB  
VEN

F

NY

MO


U

K

US

G

INPA

Tree 8 m. tall x 6 cm.  
diameter. Bark light brown.  
[Crown elliptic somewhat horizontal, pendulous.  
Leaves dark green above, shiny with  
paler green midrib; <sup>lt.</sup> yellowish  
green beneath with paler green  
midrib. Fruits light yellow-  
green, turning reddish but  
not mature.

13414. Chiococca alba L.

Rubic.

(2)

VEN

F

FR → (A)  
seed

Scandent shrub 2 m. tall  
in disturbed areas along  
trail in secondary woods.  
Fruits white at maturity.

13415. Erythroxylum amazonicum Peyr. Erythrox.  
(3) vel aff.

F  
USB  
VEN

Chem  
WOOD Voucher

Tree 6 m. tall x 5 cm.  
diameter in dry forest  
along trail. Leaves dark



green, shiny above; lighter green  
beneath with yellow-green midrib.  
Hille.

VENEZUELA: Estado Falcón: Distrito Petit.  
Sierra de San Luis. 0.5 - 2 km. northwest  
of watertank in town of Curimagua. Approx.  
11°11'N., 69°41'W. 1100 - 1200 m.  
28 March 1984.  
Coll. T. Plowman, P. Berry & R. Wingfield.

13416. Daphnopsis americana (Mill.) J.R. Johnston Thymel.  
ssp. caribaea (Griseb.) Nevl.

F (3) VEN NY  
Erect shrub 2 m. tall in  
open eroded hillside. Flowers  
pale yellow.

Pistillate. See # 13418 for staminate.  
det. P. Matekaitis 1984

13417. Daphnopsis americana (Mill.) J.R. Johnston Thymel.  
ssp. caribaea (Griseb.) Nevl.

F (3) VEN MO  
Erect shrub 1.5 m. tall in  
open eroded hillside along trail.  
Fruits immature, green. det. PM 1984

13418. Daphnopsis americana (Mill.) J.R. Johnston Thymel.  
ssp. caribaea (Griseb.) Nevl. det. P. Matekaitis 1984

F (4) USB VEN K (A)  
Erect shrub 2 m. tall in open  
eroded hillside along trail.  
Staminate flower yellow.  
See # 13416 for pistillate.

13419. Bernardia jacquintana Muell. Arg. Euphorb.

(2) Erect virgate subshrub 2 m tall  
in thicket along trail in dry  
forest. Fls. pale green.  
det. M. J. Huft + 1984.

Rub.

13420. Psychotria lucentifolia (Blake) Steyerf.

(3)

Shrub 1.5 m. tall in secondary  
dry forest. Bracts purple-black.  
Immature fruits green.

13421. Plukenetia penninervis Muell. Arg. Euphorb.

(4)

Wiry vine in secondary dry  
forest along trail. Flowers pale  
green. det. M. J. Huft + 1984.

13422. Croton megabodendron Muell. Arg.

(4)

Tree 6 m. tall in open  
eroded hillside. Immature  
fruits yellow-green.  
det. M. J. Huft + 1984.

13423. Peritassa pruinosa (Seem.) A. C. Smith. Calce.

(3)

Vine in dry open thicket on  
eroded hillside. Flowers  
greenish yellow.

det. A. M. W. Menega

1986.

MAR 28 1984

Erythrox.

K 13424. Erythroxylum citrifolium St. Hil.  
NY (5) det. T. Plowman 1984.

F  
USB  
VEN  
(A)  
Leaves  
fotos  
Shrub 1.5 m. tall in open thicket  
on eroded hillside. Leaves shiny  
medium green above, with pale  
green midrib; shiny. pale green  
beneath. Flowers creamy  
white to yellowish.  
Long-styled morph.

Erythrox.

13425. Erythroxylum citrifolium St. Hil.

(9) Same data as 13424. det. T. Plowman 1984  
Short-styled morph.

USB  
VEN  
F  
NY  
MO  
OS  
K  
INPA  
SPF

MAR 27 1984

VENEZUELA: Estado Falcón: Distrito Miranda.  
Road from La Negrita to Curimagua, north-  
facing slopes of Sierra de San Luis, near  
La Chapa. Alt. ca. 700 m. Dry thorn scrub.  
27 March 1984  
Coll. T. Plowman, P. Berry & R. Wingfield.

near La Chapa ca. 700 m. <sup>Dry thorn scrub</sup> <sup>Loranth.</sup>

13426. Phoradendron ~~touarensis~~ Urb.

(7) P. dipterum Eichl. det. J. Kuijt 1985.

Hemiparasite on Phoradendron  
luisense Rizzini (# 13427).

Plant dark green throughout.  
Fruits white. Infl. spike + fls.  
yellow-green.

13427. Phoradendron luisense Rizzini Loranth.

(4)

Hemiparasite on Acacia macra-  
cantha. Leaves median  
to yellowish green. Spikes green.  
Immature fruits yellow-green.

Dry scrub forest.

near La Chapa.  
900 m.

13428. Abutilothamnus sp. ? nov. Malvac.

(5)

Tall shrub 3 m. tall on  
open roadside. Calyx dark  
green. Petals and antherium  
dark purplish red.

USB  
VEN  
F  
LEA  
NY  
RB  
G

F  
USB  
VEN  
LEA

F  
VEN  
CTES  
TAES

13429. Croton pungens Jacq. Euphorb.

F (3) Subshrub 1.5 m. tall on open  
VEN roadside in dry forest. Flowers  
NY cream det. M. J. Huft 1984.

ca. 1200 m. moist forest near ridge top.

13430. Liabum asclepiadeum Sch.-Bip. Comp.

(3) Unbranched herb 1-1.6 m. tall  
on <sup>moist</sup> open roadside. Leaves light  
Buds green, shiny above. silvery tan  
F beneath. Florets golden yellow.  
VEN det. M.-O. Dillon 1984.  
TEX

Chromosome count  $n = 27 II$   
by Scott Sundberg - TEX

13428.

→ Dendrosida wingfieldii Fryxell ined.  
det. P. Fryxell 1984.

MAR 29 1984

VENEZUELA: Estado Falcón. Distrito Bolívar.  
Sierra de San Luis. Cerro Galicia. Approx.  
11°11' N., 69°42' W. Alt. 1500 m. Forest  
and disturbed areas around TV Antennae at  
summit. 29 March 1984.  
Coll. T. Plowman, P. Berry & R. Wingfield.

det. to Conn 13431. Solanum vestissimum Dunal Solanac.

(8) nearly unbranched det. M. Nee 1984.

Erect Armed herb to 4 m. tall  
in forest margin and forested  
slopes. Leaves dark green above,  
pale green beneath. Stems and  
petioles with purple hairs when  
young. Pedicel, calyx and abaxial  
surface of petals with purplish  
hairs. Petals white. Anthers  
yellow.

lv. "cojón de gato" - fruits sweet,  
eaten locally.

seeds: BH, IND

13432. Solanum Solanac.

(4) Erect virgate shrub 2 m.  
tall in open roadside. Stems  
and foliage with yellow-brown  
hairs. Calyx green. Corolla  
pale yellow to whitish. <sup>Anthers yellow-orange</sup> Fruits  
green.

F-2  
USB  
VEN  
IND  
BH

seed  
Wingfield 845313

F  
VEN  
BH  
MP

13433 Witheringia solanacea L'Her. Solanec.

F (4) Branched herb 1 m. tall on open roadside.  
VEN MBM NY  
Calyx green. Corolla dirty yellow.  
Immature fruits green, pale red-orange at maturity.  
det. M. Nee 1984.

13434. Solanum aturense Dunal Solanec.

F (3) Prickly vine sprawling on ground  
VEN BH  
and covering roadsides. Leaves, stems  
& infl. with yellow brown hairs. Leaves  
dark green above, rather shiny; lighter  
green beneath. Pedicel & calyx pale  
green. Petals pure white with brownish  
hairs on abaxial surface. Anthers golden  
yellow. det. M. Nee 1984.

<sup>①</sup>  
~~trinitensis~~ / ~~amburii~~ / ~~sanguinea~~

13435. Stachytarpheta trinitensis Mold. Verbo.

(3) Coarse herb 1 m. tall in dis-  
now in these 3  
turbed area. Bracts green. Calyx  
green, apically purple. Corolla tube  
white, limb red. det. H. N. Moldenke 1985.  
VEN F NY

① consult the descriptions of *S. tria* & such in the volume  
of *Photolopia* (+ place with photography of these  
descriptions in *Coro*)

MAR 29 1984

Cordia sericocalyx A.DC. DET. J. GAVIRIA 1987

13436. Cordia tetrandra A.DC.

Bory.

F (3)  
VEN  
MO

Treelet 4 m. tall on hilltop.  
Leaves shiny green above; lighter  
green, very beneath. Calyx  
blackish green. Corolla white.  
det. J.S. Miller 1984.

13437. Drymonia sp. (perhaps new) (resous.)

VEN  
F  
US

(4) Climbing herb appressed  
to tree trunk in forest. Petioles  
purplish. Lvs dark green above,  
pale green beneath. Calyx pale  
green. Corolla tube white, yellow  
within. Lobes with abaxial patches  
of pale red. det. L. Skog 1984.

= Piper dunstervilleorum Steyerl. det. Calliz, 1985.  
Piper arieianum C.DC. var. yaracuyense

13438. (Yunck.) Steyerl. f. falconense Steyerl. Piper.

F  
USB  
VEN  
MO  
NY  
K

(6) Erect herb 0.5 m. tall  
with erect stem and spread-  
ing branches. Leaves <sup>very</sup> dark green  
above; slightly shiny & bullate,  
pale green beneath. Spikes erect,  
cream.

det. J.A. Steyermark 1984.



13439. Solanum fraxinifolium Dunal Solan.  
 (2) Trailing herb on open roadside.  
 VEN Corolla white Anthers golden yellow.  
 F det. M. Nee 1984.

13440. Solanum trizygum Bitter Solan.  
 (3) Unbranched Erect herb to 1 m. tall in forest.  
 VEN Corolla pale green. Anthers yellow.  
 F Immature fruits pale green.  
 NY det. M. Nee 1984.

13441. Physalis peruviana L. Solanaceae  
 F (3) Herb 1 m. tall. Corolla pale yellow  
 USB with 5 large dark brown spots within.  
 VEN Anthers blue. det. M. Nee 1984.

13442. Cerica microcarpa Jacq. subsp. microcarpa Ceric.  
 F (2) Unbranched pale shrub 3 m.  
 VEN tall. Petals green abaxially, yellow  
 adaxially.

13443. Piper subsessilifolium C. DC. var. morii Steyermark Piper.  
 (4) Climbing herb on tree trunks  
 del. to Ceri in forest. Sterile.  
 VEN det. J. A. Steyermark 1984.  
 F  
 MO  
 NY

MAR 29 1984

- VEN F 13444. Corytoplectus congestus Gleason.  
(2) Erect herb to 40 cm. in forest. Pedicel and calyx red.

- det. to long 13445. Lycianthes pauciflora (Vahl) Bitter Solan.  
VEN F N7 (3) Climbing-scandent shrub 2.5 m. tall in forest margin. Fruits red at maturity.  
det. M. Nee 1984.

13446. Mikania hookeriana DC. Comp.  
F (3) Vine with rubbery leaves. Involucre light green. Florets white.

- F VEN 13447. Canna joegeriana Urban Connec.  
(4) Herb 3 m. tall on open roadside. Ovary and calyx light yellow-green. Corolla + stem inside bright orange.

SEED: Waima 843 315  
Lyon  
NY

13448. Cecropia

Morac

d. n. v. yaru

(10)

USB  
VEN  
F-4

U-3

NY  
K

♀ Tree 8 m. tall + 8 cm. diam.  
growing in forest margin. Trunk  
whitish-pale brown basally, bluish  
toward apex of trunk + branches, scars  
remaining grey. Petiole dull, olive-  
green. Leaves 11-nerved; dark  
shiny green on upper surface with  
yellowish midribs, reddish brownish at  
center; lobes ascending laterally,  
midribs arching downward;  
leaf dull glaucous, - grey-green beneath  
with reddish nerves, reddish when new.  
Stipule dark red-brown. \* Peduncle  
yellow-green. Spathe dark red-  
brown. # Spadices pale yellow to  
cream. Fruits dull, olive green;  
eagerly eaten by  
n. v. "yaru"

13449. Cecropia palmatisecta Cuscut.

Morac.

(15)

♂ Same data to "C". Peduncle dull red.

Spathe dull, dark red. Spadices cream.

n. v. "yaru"

det. C. C. Berg 1986.

USB  
VEN  
F-4  
U-2

K  
NY  
MO

MAR 30 1984

VENEZUELA: Estado Falcón. Distrito Bolívar.  
Sierra de San Luis. 1 km. northeast of  
La Tabla on road to Cerro Galicia. Alt.  
ca. 1100 m. 30 March 1984.  
Coll. T. Plowman, P. Berry & R. Wingfield.

13450. Besistemon bogotensis Turcz. Saph.

(8) det. K. Barringer 1984

Armed shrub 1 m. tall, much  
branched. Growing in dry  
open ~~forest~~ <sup>thorn-scrub</sup> on hillside. Flower  
buds green. Old capsules  
brown.

13451. Condalia buxifolia Reiss. Rhonn.

(8) Spiny, much branched

shrubs 2 m. tall in open  
thorn-scrub on <sup>dry</sup> hillside  
Flower buds green. Imma-  
ture fruits young green.

det. R. Wingfield 1984.

F  
USB  
VEN  
MERF  
COL  
K  
NY  
MO

F  
USB  
VEN  
HY  
MO  
LP  
K

VENEZUELA: Estado Miranda. El Volcán, along  
road from Los Guayabitos to El Hatillo.  
Alt. ca. 1250 m. 31 March 1984.  
Coll. T. Plowman & P. Berry.

13452. Croton megalodendron Muell. Arg.

(3) (~~syn~~ C. xanthochloros Croiz. and C. multicostatus Pittier)

F  
USB  
VEN

Tree 8 m. tall on ridgetop  
along road. Leaves dark green,  
shiny above; yellowish green, dull  
beneath with yellow-orange midrib.  
Sep clear, turning yellow on ex-  
posure. Pistillate flowers dull, dark  
green.

det to  
Berry

det. M. J. Huft 1984.

MAR 2 8 1984

SAME LOCALITY + DATE as 13366.

13453. Guzmania cylindrica L.B. Smith

Bromel.

(2)

Epiphyte on tree trunk in  
forest. Bracts light green. Flowers  
cream.

F  
VEN

APR 1 1984

VENEZUELA: Dependencia Federal Isla Tortuga.  
Northeast end near the airstrip. Near sea  
level. 1 April 1984.  
Coll. T. Plowman & P. Berry.

Coll. T. Plowman, P. Berry

13454. Suriana maritima L.

Simenud.

(5)

F  
USB  
VEN  
NY  
GH

Frequent shrub 1 m. tall,  
scattered across sand  
flats. Flowers golden yellow.  
Mature fruits brown.

13455. Botis maritima L.

Botid.

(2)

F  
VEN

Succulent-leaved subshrub  
in open sand flats. Pistillate  
infl. fleshy, green, stigmas  
whitish.

13456. Distichlis spicata (L.) Greene

Gram.

(3)

F  
USB  
VEN

Frequent grass, stoloniferous,  
with erect stems. Sterile.

13457. Salicornia

Rempod

- F (3) Suppatescent herb forming  
 USB dense colony on salt-sed  
 VEN foto flats. Sterile.

13458. Ariceunia

Verb.

- F (2) Shrub 1.5 m. tall growing on  
 VEN salt flats. Flowers white,  
 yellow at throat.

13459. Sesuvium portulacastrum L.

Aizac.

- F (2) creeping succulent herb  
 VEN forming dense colonies on salty  
 sand flats. Petals pink.

Crossopetalum rhacomia Crantz13460. ~~Meyenura~~ det. T. Ploumen 1986.

Celstr.

- F (3) Densely branched shrub 0.6 m  
 VEN tall on sand flats. Flowers dark  
 NY red.

13461. Rhizophora mangle L.

Rhizoph

- F (1) Shrub 2 m. tall at sea side  
 in salt flats. Imm-fruits bright brown.

APR 1 1984

13462. Pithecollobium oblongum Benth. Legum.

F  
VEN  
NY

(3)

Low spiny shrub 0.5 m. tall  
x 2 m. diameter. Calyx yellow-  
green. Filaments yellowish  
turning red-orange. Fruits  
red-orange det. C. Niezgoda 1984

VENEZUELA: Estado Miranda, Gracas.

1

Base Aerea "La Cerrota": Aero Club  
de Caracas.

1 Apr 1984.

F 13463. Chamaesyce hypericifolia (L.) Millsp. Euph.

USB  
VEN (3)

Herbaceous weed at edge  
of runway. Fls. green.  
det. M. J. Huft 1984.

F 13464. Euphorbia Euph.

VEN (2) Herbaceous weed. Fls. pale  
green.

13465. Phyllanthus niruri L. Euph.

F (1) Herbaceous weed.

Fls. pale green.

det. M. J. Huft 1984.



APR 4 1984

VENEZUELA: Territorio Federal Amazonas. Dept.  
Atures. Puerto Ayacucho. End of road from  
airport to Rio Orinoco. Forest along river-  
bank.

4 April 1984.

Coll. T. Plowman

un  
4 April 1984.

13466. Colytranthus FASCICULATA BERG Myrtac.

F (3)  
VEN  
CAS

Treelet 3 m., branches few,  
long-scandent, growing in shade of  
forest on "laja" among large boulders.  
Leaves dull dark green above, pale  
schraceous, dull beneath. Fruits dark  
purple when ripe.

det. L. R. Landrum 1984  
B. HOLST 1988

13467. Tillandsia flexuosa Swartz

Bromel.

F  
VEN

(2) Epiphyte on tree limb on open  
"laja" outcrop. Lvs. in a clockwise-twisted  
rosette, olive green with purple tinge.  
Scape basally green, dark red apically.  
Bracts carmine pink. Calyx carmine  
red. Corolla red.

live → SEL

det. T. Plowman 1984.

APR 4

1984

13468. Gustavia pulchra Miers. Leg. fl.F  
VEN

(2)

Common tree 8 m. tall on sandy river bank in gallery forest.  
Immature fruits shiny, light green.  
det. F. Guánchez 1985.

13469. Tabeaia ochracea (Cham.) Melch. Bigna.F  
VEN  
NY

(3)

Shrub 1.5 m. tall growing on exposed "tajo" outcrop.  
Calyx pale green with light brown hairs. Corolla deep yellow throughout.  
det. F. Guánchez 1985.

13470. Swartzia leptopetala Benth. Legum.F  
VEN  
US

(3)

Scandent shrub or liana 3 m. tall in margin of gallery forest bordering savanna. Immature fruits brown.  
det. C. Mezger 1984.

13471. Conarus Connar.F  
VEN

(2)

Tree 7 m. tall on sandy river bank. Infl. rusty brown.  
Corolla cream.

APR 4 1984

13472. Myrcia

Myrtac.

F (4)  
VEN  
CAS  
NY

Shrub 4 m. tall in gallery forest. Fruits immature, dark red. det. L. R. Landrum 1984.

13473. Mansoa kerere (Aubl.) A. Gentry

Bign.

(2)  
VEN  
F

Spreading vine on open sandy beaches. Corolla creamy white.

13474. Alibertia bertierifolia K. Schum.

Rubiac.

F (4)  
VEN  
NY  
K

Woody climber 4 m. tall in margin of gallery forest bordering savanna. Flowers terminal, solitary, in bud. Fruits immature, ovoid, green. det. P. Matekaitis 1984

13475. ~~Episcydrum~~ <sup>Eacychia</sup> leucantha Schltr.

Orchid.

F (3)  
VEN  
MO

Epiphyte in forest on granitic rock along river. Sepals + petals light brown with thin yellowish margin. Lip cream with patch of purple vertical striations in center. det. J. T. Atwood 1986. ! CARNESAL 1995

13476. Ficus (guineensis)

Morac.

F (3)  
VEN  
NY

Extensive strangling shrub 6 m. tall on low trees on <sup>small</sup> rocky forested island in river. Fruits dark purple.

APR 4 1984

13477. Carapa densifolia Mart. Bruttij.

VEN (2) Tree 15 m. tall x 25 cm.  
diameter with broad spreading  
crown, in gallery forest. Fruits  
chestnut brown. det. F. Guschey 1985

F  
VEN NY (4) 13478. Fimbristylis vahlia (Lam.) Link Cyperac.

Growing in small tufts  
on open sandy beach. Infl.  
green. det. G. Tucker 1986.

F  
VEN CAS NY (4) 13479. Eugenia CHRYSOPHYLLUM POIRET Myrtac.

Tree 5 m. tall in margin  
of gallery forest bordering savanna.  
Lvs. medium green above, pale  
yellowish green beneath.  
Immature fruits light green.  
det. Landrum 1984 / B. HOLST 1990

13480 Jacaranda orinocensis Sandw. Bignon.

F  
VEN NY K (6) Weak treelet 7 m. tall in  
partial shade of trees on sandy  
river bank. Flowers light  
blue-violet.

13481. Myrciaria DUBIA (H.B.K.) McVADGH Myrtac.

DET. M. SOBRAL 1985

(8) Willowy shrub 2.5 m. tall growing among boulders on small island at edge of river. Bark exfoliating, mottled (like guava). Fruits dark purple at maturity, with one large seed. Pulp sweet, tasty. det. L.R. Lendrum 1984.

F  
TFA  
VEN  
CAS  
NY  
K  
U  
COL

Cham. + Schlecht.

13482. Mitracarpus diffusus (Willd. ex R. + S.) Rubiac.

(4) Annual herb on open sandy river beach. Flowers white. det. J.A. Steyermark 1986.

F  
TFA  
VEN  
MO

13483. Mollugo verticillata L. Mollugin.

(4) Erect annual herb on open sandy river beach. Fls. white. Lvs. somewhat fleshy. det. F. Guánchez 1985

F  
TFA  
VEN  
NY

13484. Ixora acuminatissima M. Arg.

Rubiac.  
Myrtac.

(3) Shrub 1.5 m. tall in gallery forest on river bank. Infl. rusty brown, in bud. det. P. Matekaitis 1984

F  
VEN

13485. Symmeria paniculata Benth. Polygon.

(3) Shrub 1.5 m. tall on sandy river bank in partial shade. Fls. cream.

F  
VEN  
GHT

APR 4, 1984

var. laurifolia (Benth.) Cowan

13486. Campsiandra comosum Benth. Legum.

F  
VEN  
G (3) Common tree 8 m. tall in gallery forest on sandy river bank. Frs. immature, light green. det. C. Nicolson 1984.

13487 Psychotria capitata R. + P. subsp. inundata Rubiac. (Benth.) Steyermark

F  
VEN  
NY (4) Shrub 1.5 m. tall in gallery forest on river bank. Infl. yellow-green, somewhat dried up. det. J.A. Steyermark 1985.

13488. Tabebuia orinocensis (Sandw.) A. Gentry Bignon.

F  
VEN  
NY  
K-2 (5) Shrub 1.8 m. tall on open granitic outcrop. Branches erect, dark, blackish brown, somewhat shiny. Calyx yellowish to reddish light brown. Corolla white throughout.

A. SCABRA (VAHL.) SM.

13489. Aphelandra deppeana Schlecht. <sup>Chem.</sup> Acanth.

F  
VEN (2) Shrub 1 m. tall branched from base, along rocks - burned savanna. Fruits immature, yellow-green. det. F. G. Sánchez 1985.

Seed

13490. Portulaca <sup>succulent</sup> Portulac  
 F (4) Prostrate herb on soil pocket on ex-  
 posed granitic rock. Stems red. Leaves  
 green, or tinged red. Flowers pale pink.  
 VEN  
 BM  
 NY

R. BRACHYSTACHYA BENTH. (VELAFF.) det. J. BRANDOBYGE 1992

13491. Ruprechtia laxiflora Meisn. Polygon.  
 F (6) willowy treelet 5 m. tall among  
 boulders at edge of rapids. Flowers  
 creamy white. det. R. A. Howard 1984.  
 NY  
 TFA  
 VEN  
 GH

var. lingua (Camb.) Eichl.

13492. Ceseria sylvestris Sw. Flacout.  
 F (4) Treelet 3 m. tall with thick-  
 corky bark among boulders in  
 burned-over savanna. Immature  
 fruits green. det. H. Sleumer 1985.  
 VEN  
 NY

13493. Peperomia magnoliifolia (Jacq.) A. Dietr. Piperac.  
 (5) Fleshy decumbent herb with  
 ascending flowering stems growing  
 on large, humus covered boulders  
 in shade of trees at river's edge.  
 Spikes immature, pale green.  
 det. T. Plowman 1985.  
 F  
 TFA  
 VEN  
 Mo  
 NY

APR 4 1984

Melast.  
~~Myrtac.~~

13484. Mouriri

F  
VEN  
CAS  
NY

(4)

Treelet 5 m. tall among  
large boulders in gallery forest  
along river. Immature fruits  
dark green. det. L. R. Landrum 1984.

APR 3 1984

Colombia: Vichada. Cañavari to. 3 Apr 1984.

13485. Erythroxylum williamsii Standl.

F  
VEN  
(2)

ex Plowman

Shrub 2 m. tall on 1st  
outcrop near town. Flowers  
creamy white.

coll. = A. Gentry + B. Stein



VENEZUELA: Territorio Federal Amazonas.

Dept. Átures. Puerto Ayacucho. 6 km. north of Puerto Ayacucho on road to El Burro.

Large igneous "laja" outcrop east of road.

Alt.

5 April 1984.

Coll. T. Plowman & F. Guánchez.

5 Apr. 1984. Coll. T. Plowman & F. Guánchez

13496. Ximenia americana L. Olac.

(6)

F  
TFA  
VEN  
NY  
MO  
U

Armed tree 5 m. tall in soil pocket on top of laja outcrop.

Buds yellow green. Fruits yellow-orange, pendulous, edible, sweet.

det. T. Plowman 1985.

13497. P. PUBESCENS TURCZ.  
Petrea of arborea HBK. Verb.

(8)

F  
NY  
TFA  
VEN  
MO

Slender treelet 6 m. tall in soil pocket at base of laja outcrop.

Calyx and corolla blue-violet. Only one seen. det. F. Guánchez 1985.

13498. Cynanchum carnavali Morillo Asclep.

(5)

F  
TFA  
VEN  
NY  
MBM

Twining herbaceous vine among shrubs bordering laja outcrop.

Buds green.

det. G. Morillo 1984.

APR 5 1984

13499. Helicteres brevispira St. Hil. Stercul.

(5)

F

IFA

VEN

CTES

NY

Weak, open shrub 3 m. tall  
with spreading branches.  
Calyx pale green, corolla  
red det. C.L. Cristobal 1985.

13500. Erythroxylum impressum O.E.

(6)

Schulz

Erythrox.

WOOD MADW  
Aw  
UW

F

IFA

VEN

US

NY

U

Shrub or treelet 6 m. tall  
growing in border of "leje" out-  
crop in foil pocket; with 1-3  
m. trunks to 6 cm. diameter  
Leaves nearly all <sup>fallen</sup> dropped;  
remaining leaves yellow-green  
above, dull; very pale, yellowish  
white beneath, dull.

Trunk with light greyish  
brown bark, exfoliating in flakes

13501. Aspidosperma cuspa (HBK.) S.F. Blake Apoc.

(4) Shrub 2 m. tall x 3 m. across

-TFA growing in soil pocket on top of "laja"  
VEN outcrop. Lvs. shiny light green above,  
F. very pale, dull green beneath. Fl.  
~~WAG~~ buds yellowish  
WAG det. A.J.M. Leeuwenberg 1985. Erythrox.

13502. Erythroxylum williamsii Standl. ex Plowman

(6)

Shrub 3 m. tall growing in soil  
pocket on laja outcrop. Much branched  
in 3 dimensions. Flowers  
creamy white.  
Short-styled plant.

Fls → (A)  
F  
-TFA  
VEN  
COL  
NY

Erythrox.

13503. Erythroxylum williamsii Standl. ex Plowman

(8)

Shrub 2.5 m. tall growing in soil  
pocket on laja outcrop. Much  
branched in 3 dimensions.  
Flowers creamy white.

-TFA  
VEN  
F  
NY  
MBM  
COL  
~~MBM~~  
GHT

Long-styled plant.

APR 5 1984

Erythrox.

13504. Erythroxylum impressum O.E. Schulz

(6)

TFA  
VEN

F  
NY  
MO  
K

Treelet 6 m. tall x  
8 cm. diameter, with several  
trunks branched from base.  
Leaves deciduous, few re-  
maining, yellow-green above,  
pale whitish green beneath.  
growing at edge of 12j2  
outcrop in large soil pocket.  
Sterile.

13505. Erythroxylum [foetidum] Plowman / Erythrox.

(6)

TFA  
VEN

US  
K

F(15) → (A)

Slender tree 5 m. tall at lower  
edge of 12j2 outcrop <sup>in soil</sup>. Branches  
all ascending. Trunk to 4 cm.  
diameter. Twigs dark brown.  
Flowers creamy white.  
growing small grove of ca. 10 trees.  
Long-styled plant, all in flower.

13505A.1

leaves collected under 13505

30506. Erythroxylum [foetidum] Plowman Erythrox.

(6)

VEN NY  
F MO

Same as 13505. Long-styled plant.

13507. Erythroxylum [foetidum] Plowman Erythrox.

F (10) NY  
TFA MO  
VEN K  
US

Same as 13505. Short-styled plant.

As → (A)

13508. Erythroxylum [foetidum] Plowman Erythrox.

(8)

VEN  
F G  
As → (A) Gff  
U  
CAY.

Same as 13505. Short-styled plant.

13509. Erythroxylum [foetidum] Plowman Erythrox.

(2)

VEN  
F  
hnts → (A)

Slender shrub 2 m. tall with erect branches. Young shoots green, leaves much predated by insects. Stipules green turning chestnut brown. Sterile.

APR 5, 1984

13510. Erythroxylum [foetidum] Plowma Erythrox.

(4)

VEN  
F  
MO  
NY

Treelet 4 m. tall in soil  
pocket on top of "lajá" (drier  
place than 13505-13509). Leaves  
mostly fallen; new leaves wilted,  
greenish yellow above, very  
pale green to yellowish white  
beneath. Sterile.

[The above plants were subjected  
to a rain ca. 4 days previously.  
Those in the moister area at  
bottom of lajé simultaneously  
flowering. Those on top in  
dried place putting out new  
shoots which were drying up  
because of subsequent drought.]

VENEZUELA: Territorio Federal Amazonas.

Dept. Átures. Road from Puerto Ayacucho to Samariapo, km. 22 from Puerto Ayacucho just past "Garcitas". Approx. 5°28'N., 67°36'W. Alt. 85 m. 6 April 1984  
Coll. T. Plowman & F. Guánchez.

6. Apr. 1984.

Laja outcrop on east side of road.

13511. Erythroxylum foetidum Plowman Erythrox.  
(6)

Shrub 5 m. tall with 6 trunks  
branching at base, each to 6 cm.  
diameter. Bark tan to greyish, re-  
latively smooth, with <sup>fine</sup> longitudinal  
fissures. Wood with odor of fresh peas.  
Growing at base of extensive "laja"  
outcrop among shrubs and small  
trees ~~that~~ in full sun.

foto  
WOOD AW  
MADW  
LW  
4 seeds  
VEN  
F  
TFA  
COL  
MY  
MO

Leaves newly sprouted, rather dull, yellow  
green above with prominent veins; very  
pale whitish green beneath, dull,  
with dark green reticulate venation;  
midrib yellow, turning brownish with  
age. Young fruits light green; at matu-  
rity turning dark red, shiny; ~~early~~ falling  
prematurely because of dry conditions.

APR 6 1984

13512. Erythroxylum [ ]  
(16)

Erythox

Frs → (A)  
Lvs - Anal.

TFA P  
VEN  
F  
NO CAY  
NY GH  
K G  
US U

Treelet 6 m. tall; trunk  
8 cm. diam., reclining at base  
with several major erect  
branches. Emerging leaves  
wilted, light yellow-green  
dull above; whitish to yellowish  
green beneath, dull, with yellow  
green midrib. Fruits abundant,  
immature, pale green.

13513.

Malpigh.

(6)

TFA  
VEN  
F  
MICH

Erect shrub 2 m. tall  
in soil pocket on top of  
"12 1/2" outcrop. Leaves <sup>light</sup> yellow-  
green, shiny above; dull beneath.  
Mature fruits brown.



new Habitat:

→ moist forest on flat ground on west side of road.

13514. Piper piscatorum Trel. & Yunck. Piperac.

(4) Low herb in understory.  
 TFA  
 VEN  
 NY  
 Spikes erect, light green.  
 det. R. College 1984.

13515. Erythroxylum ligustrinum DC. Erythrox.

(6) det. T. Plowman 1987.

Slender Treelet 4 m. tall x 2 cm

TFA  
 VEN  
 F  
 INPA  
 MG  
 MB  
 diam. in forest understory;  
 with single trunk. Branches  
 storied, plagiotropic. Leaves medium  
 green, dull above; silvery, dull  
 beneath. Sterile.

13516. Piper Piperac.

(2) Shrub 2 m. tall. Spikes erect,  
 green.

VEN  
 F

VENEZUELA: Territorio Federal Amazonas.  
 Dept. Átures. Road from Puerto Ayacucho  
 to Samariapo, about km. 15 from Puerto  
 Ayacucho. 6 April 1984. Forested area  
 along stream.  
 Coll. T. Plowman & F. Guánchez

13517. Peperomia maypurensis Piperac.

VEN (1) Erect succulent herb on large  
 boulder in forest. Petioles dull  
 red. Leaves shiny green above,  
 dull, silvery beneath. Peduncle  
 dark red. Spikes pale green.

13518. Potalia zurea Aubl. Logani.

F  
VEN (2) Single stemmed shrub 1.5 m.  
 tall. Fruits immature, dark  
 green. Lvs. dark green above;  
 lt. yellow green beneath.

13519. Morac.

TFA (1) Slender tree 4 m. tall.  
 Infl. pale orange.

13520. Bectris simplicifrons Mart. Palu.

F  
VEN  
K (3) single stemmed palm 1.5 m.  
 tall. Infls. axillary, 2;

mature fruits orange.  
det. J. Dransfield 1985.

13521. Beetris simplicifrons Mart. Palm.  
F (2) Single stemmed palm 2 m. tall.  
VEN Immature fruits green. det TP 1985

VENEZUELA: Territorio Federal Amazonas.  
Depto. Átures. Tobogán de la Selva  
Camping Area, along Río Coromoto, 35  
km. south of Puerto Ayacucho. Approx.  
5°22'N., 67°33'W. 6 April 1984.  
Coll. T. Plowman & F. Guánchez

13522. Sacoglottis guianensis Benth. Humiriace

(6) Tree 15 m. tall along stream  
US TFA i camping area. Fruits imm-  
K VEN ture, dark green. Leaves shiny  
F medium green above; very pale  
MO yellowish green beneath.  
det. F. Guánchez 1985.

13523. Xylopia sp. nov. PLOWMANII STEYERH. JOHNSON Ann. + BERRY  
(6) Tree 12 m. tall x 15 cm.  
diam. along stream i camping  
TFA area. Calyx green. Petals yellowish  
VEN at base (where swollen), orange  
F elsewhere abaxially, pale yellow  
U  
MO  
NY adaxially - Anthers pale yellow.  
K det. J. A. Steyermark 1985.

APR 6 1984

13524. Styphnodendron pulcherrimum (Willd.) Hochr. Leg.-Mimos.

(9) Tree 4 m. tall in forest margin along road. Flowers creamy yellow.

det. C. Nieggoda 1984.

TFA  
INPA VEN  
F MBM  
NY G  
MO  
K

VENEZUELA: Territorio Federal Amazonas.  
Dept. Átures. Estación de Piscicultura,  
8 km. south of Puerto Ayacucho. Burned  
over savanna west of the Estación.  
7 April 1984.  
Coll. T. Plowman

13525. Erythroxylum orinocense HBK. Erythrox.

(6) Shrub ~~60 m.~~ 1 m. tall;  
main shoots killed by fire; new  
shoots arising from ground 60 cm.  
tall. Growing in tree island under-

LUS-2 (A)

TFA  
VEN-2  
NY  
MO-2

story in savanna. Leaves medium  
green above, with yellow-green  
midrib, slightly shiny, more so when  
rubbed (slight bloom); pale green, dull  
beneath, venation somewhat darker  
green. [Flowers remaining on dead  
shoots.]

VENEZUELA: Territorio Federal Amazonas.

Dept. Rio Negro. San Carlos de Rio Negro.


3 - 4 km. north of San Carlos on road to Solano. Open scrub vegetation on white sand known as "bana". 9 April 1984.

Coll. T. Plowman

13526. Neea obovata Spruce ex Heimerl Nyctag.  
 (5) Shrub 2.5 m. tall. Infl. pendulous  
 fls. light yellow-green.  
 det. J. A. Seyermark 1986.

VEN  
F  
Mo  
NY

13527. Philodendron remifolium R. E. Schult. Arac.  
 (7)

Terrestrial herb 80 cm. tall with creeping rhizome, erect stems. Lvs. shiny medium green above; dull yellow green beneath. Blades erect. Petiole  in x-section. Infl. Solitary, spathe pale green in pistillate lower half, cream in apical staminal half, with scattered dark red dots throughout. Spadix: staminate <sup>part</sup> green; pistillate <sup>part</sup> rose pink. Sep. clear, sweet-fragrant.

Forming dense colonies in understory of low forest.

foto.

VEN

F

K

US

hio

APR 9 1984

(Schott) Bunting  
Arac.

13527A. Schismatoglottis spruceana

(4)

VEN  
F  
MO  
K

Erect solitary herb with short creeping rhizome. Leaves sub-shiny above, medium green; very pale green, shiny beneath. Spathe broadly pale green, apically cream. Spadix: pistillate greenish white; staminate creamy yellow.  
det. T. Croat 1985.

13528. Ocotea esmeraldana Moldenke ex Gleason & Laurence.

(3) Frequent treelet 3 m - tall.

VEN  
F  
MO

Lvs. coriaceous, dull green shiny above; paler green dull beneath. Fls. pale yellow. det. H. v. d. Werff 1985.

13529. Duguetia dimorphipetala R.E. Fr. Annon.

(3) Erect shrub 1 m - tall in open disturbed

VEN  
F  
LL

Sandy area. Fls. greenish yellow. !1996  
det. Maas & van Setten 1987.

13530. Dolioscerpus savannarum Sandw. Dilleniace.

(5)

VEN  
F  
NY COL  
K

Liana 5 m. tall twining around slender tree trunks. Leaves somewhat bullate, dark green shiny above,

light green, slightly shiny beneath.  
Nearly mature fruit dirty red.

13531. Aechmea brevicollis L.B. Smith Bromel.

(3) Epiphyte on tree trunk 60 cm.

VEN from ground. Ant-infested. Basal  
half of leaves clasping, distichous,  
upper half free, reflexed. Peduncle  
+ bracts pale red. Calyx pale yellow.  
Corolla yellow. Fruits blue.

13532. Trichomanes spruceanum Hook. Hymenophyll

F (4) Terrestrial fern forming low mats  
VEN on raised <sup>low</sup> hummocks in open forest.  
NY det. R.G. Stolze 1984  
G

13533. Compsonera debilis (A.DC.) Warb. Myrist.

(6) Scandent lianoid 3 m. tall lean-

VEN ing on adjacent small trees, sparsely  
F branched. Lvs. dark shiny green  
INPA above, pale green, dull below, with  
NY dark green venation. Fls. pale yellow.  
G FRS. shiny, orange. Seeds with bright  
red, shiny oil.

APR 9 1984

- F  
VEN  
GH
13534. Coccoloba PARIMENSIS BENTH. Polygm.  
(3) Coarse shrub 3 m. tall. Fruits  
Shiny, black at maturity.  
DET. J. BRANDBYGE 1992

13535. Retiniphyllum schomburgkii (Benth.) Rubiac.  
M. Arg.  
<sup>subsp. occidentale Steyerlm.</sup>


- F  
VEN  
K  
NY
- (4) Shrub 2 m. tall. Infl.  
erect. Lvs. dark shiny green above,  
lighter silvery green beneath.  
Ovary shiny green, calyx pale yellow  
green, corolla red at base, lobes and  
filaments white. Fruits shiny red.  
Apically buds covered with hard  
round drop of varnish-like resin.  
(Testes like spruce-gum).

lv tips → (A)

det. P. Matekaitis 1984

→ A. bonplandii Bunting ssp. bonplandii det Croat 1986.  
ver. stropurpureum

13536. Anthurium stropurpureum Schul test. Maguire

- F  
VEN  
K  
MO  
NY  
US
- (8) Terrestrial herb with  
erect leaves, scattered or  
forming dense colonies. Leaves  
shiny dark green above, paler green  
dull beneath. Petiole   
x-section. Infl. one per  
plant, peduncle terete. Spathe  
pale green, recurving, spadix  
dark purple. Fruits red-purple.



APR 9 1984

13537. Praxelis asperulacea (Baker) K. & R. <sup>-Eup.</sup> Comp.

(4) VEN  
F  
NY  
TEX Erect herb in open sandy  
roadbank. Frequent. Fls. pale  
purple. det. M. Dillon 1984.

13538. Psychotria spadicea (Pittier) Standl. & Steyer. Rubiac.

(4) VEN  
F Erect shrub 1 m. tall.  
Corolla pure white.  
det. P. Matekaitis 1984

Cult. San Carlos. Garden of Sra. Ibarra.

13539. Capraria biflora L.

Scroph.

(3) F  
VEN  
NY det. T. Plowman 1985

n.v. "yerba buena"

Cult. herb 80 cm tall.

Corolla white. Foliage faintly  
lemon scented.

---

VENEZUELA: Ten. Fed. Amazonas. Dept. Río Negro.

Santa Lucía de Cucuy. Río Negro.

10 Apr 84.

13540. Dipteryx odorata (Aubl.) Willd.

Legum.

(5) F  
VEN  
NY  
FLA Cult.? tree 8 m. tall in front of military  
barracks. Infl.<sup>2x15</sup> yellowish-brown. Calyx  
ochraceous, petals light red-violet.  
det. T. Plowman 1985.

APR 10 1984

VENEZUELA: Terr. Fed. Amazonas.  
Depto. Rio Negro: Neblina Base Camp.  
10 Apr. 1984.

13541. Zamia

Zamiac.

VEN (2)  
NY

live FTGT

Small cycad in forest.  
Scattered. Sterile.

APR 19 1984

VENEZUELA: Territorio Federal Amazonas.  
Río Negro, 2 km. above Santa Lucia de  
Cucuy. Approx.  $1^{\circ}20'N.$ ,  $66^{\circ}50'W.$   
19 April 1984.  
Coll. T. Plowman

13542. Lasiadenia rupestris Benth. Thymelaeac.

(6) Erect shrub to 1 m. tall growing  
on exposed white sand beaches at  
river's edge. Leaves dull, dark green  
above; paler greyish green beneath.  
Flowers cream with silvery sericeous  
hairs.

VEN  
F  
K  
NY  
INPA  
Mo

13543. Miconia aplostachya (Bonpl.) DC. Melast.

(5) Shrub 1.5 m. tall edge of  
forest behind exposed white sand  
beach. Leaves - dark green above,  
brownish white beneath. Immature  
fruits green.

VEN  
F  
US  
NY  
K

Det. Wurdach 1984.

APR 2 11

VENEZUELA: Territorio Federal Amazonas.

Dept. Río Negro. San Carlos de Río

Negro. Garden of Pedro Maquirino.

21 April 1984.

Coll. T. Plowman, K. Clark & P. Maquirino.

13544. ~~Etenanthe~~ Myrosma canniifolia L.f. Martens  
(4) det. L. Andersson 1985.

VEN  
F  
GB

live: HLA

Cultivated herb forming clumps  
80 cm. diameter. Large ellipsoidal  
tubers forming from rhizomes.  
Leaves dark green above, pale  
greyish green glaucous beneath.  
Bracts & flowers white.  
nv. "jacaré pusanga" = taken by  
men for good luck in hunting  
jacaré.

13545. Cyperus prolixus HBK Cyperac.  
(3) det. T. Plowman 1985.

VEN  
F

live: Waimoa  
NY  
F

Cultivated caespitose herb.  
Leaves dark green above, somewhat  
glaucous; pale green beneath,  
with white punctations. Lower  
leaf sheaths reddish brown.  
Spikelets yellowish brown.

n.v. piri piri yaca -

fresh rhizome is grated and mixed with <sup>drunk.</sup> water. Given to women monthly to counteract taboos against eating certain varieties of fish (mainly catfish). In this way *iniquari* spirits are placated & this is the only way women may eat larger fish species.

13546. Cyperus prolixus H.B.K.

Cyperac.

(3)

det. G.C. Tucher 1986.

VEN  
F

Cultivated herb planted in garden.

Rhizome forming series of fleshy nodes - bead-like, dark brown. Leaves shiny green above, pale green beneath. Inflorescence aborted.

n.v. piri piri yaca. -

fresh rhizome is grated and mixed with water. Drunk for diarrhea.

loc: Waimea

APR 21 1984

Cyperus articulatus L.

13547. Eleocharis det. T. Plowman Cyper.  
(2) 1985.

VEN  
F

Cultivated herb in garden.  
Basal leaf sheaths reddish brown.  
Leaves shiny <sup>medium</sup> green. Infl.  
in bud.

n.v. piripiri (20) =

fresh rhizome is grated and  
mixed with water, and drunk.

Given to children 4 times a  
year to make them more intelli-  
gent.

13548. Capsicum cf. chinense

seeds  
no herb. spec.  
Eshbaugh  
Pickersgill

Cult. shrub 2-5 m. tall in  
houseyard. Fruits pendulous  
red.

n.v. "zji"

13548. Xanthosoma

live only. <sup>F</sup>? seedlings found in yard of Sr. Ibarra.

→ MO  
Banta Cult. Chicago. Pressed 27 Aug 1984.

13549A. Bixa orellana

MO seed.

Robert Langford, Foreign Press Union,

Dpto. de Investigación, INIAG, Apdo. 7323, C.A.O.,  
Panama, Panama.



